

State of California
The Resources Agency

DEPARTMENT OF WATER RESOURCES
Division of Operations and Maintenance

STATE WATER PROJECT OPERATIONS DATA

For the month of:
February 1996

Pete Wilson
Governor
State of California

Douglas P. Wheeler
Secretary for Resources
The Resources Agency

David N. Kennedy
Director
Department of Water Resources

State of California
Resources Agency

**Department of Water Resources
Division of Operations and Maintenance**

**State Water Project
Operations Data**

for the Month of February 1996

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MONTHLY HIGHLIGHTS

The following highlights are activities or actions that impacted State Water Project operations during the month of February 1996.

Precipitation was well above average during February for the third month in a row. Northern Sierra precipitation in February was estimated to be about 13 inches, over 160 percent of average for the month. Seasonal amounts since October 1 have been 40 inches as of February 29, about 115 percent of average. Southern California was quite dry, but a storm in the third week of February brought significant rain as far south as San Diego. On February 17, a series of progressively cooler storms began to increase the Sierra snowpack, bringing it up to about 95 percent of average at month's end. The March 1 snowpack water content last year was 135 percent of average.

Runoff during February was above average. Many reservoirs reached allowable flood control limits for this time of year. For the first time since 1986, New Melones Reservoir reached flood storage. Reservoir storage, statewide, was over 120 percent of average in February. Storage last year was average on this date. Flood control releases were made at Lake Oroville due to large inflows from storms in February. Spillway releases were made (411,000 AF) in addition to maximizing generation through Edward Hyatt Powerplant and Thermalito Powerplant. Feather River flow during the month of February peaked at 44,000 cfs including 30,000 cfs from spillway releases. Other spillway releases included the upper Feather River reservoir (4,000 AF) and Lake Del Valle (19,800 AF).

Total storage in major State Water Project reservoirs was about 4.4 MAF on February 29, about 162,000 AF more than the storage at the end of February in 1995. The end of month storage at Lake Oroville was about 2.73 MAF compared to 2.64 MAF at this time last year. The State's share of San Luis Reservoir was full at 1.06 MAF as it was last year at this time. The Bureau's share was also full. The combined storage in the southern reservoirs was about 624,000 AF on February 29 compared with 556,000 AF at the end of February last year. Work on the San Bernardino Tunnel intake structure limited storage in Silverwood Lake to about 39,000 AF.

SWP water deliveries for 1996 through February 29, were about 232,000 AF and represent a combination of project, carryover, interruptible, and exchange waters. This was about 56,000 AF more than that delivered during the same period in 1995. After Interruptible water was made available beginning January 19, approximately 7,000 AF was delivered in January and 40,000 AF in February.

The February survey conducted by DFG in the Delta indicates that the majority of the delta smelt have moved downstream to Suisun Bay coinciding with higher outflows. The January survey had indicated that delta smelt were moving upstream to spawn. About 1,100 delta smelt were salvaged during February (the amount allowed by the delta smelt biological opinion without reinitiating consultation with FWS is 10,910).

Since the beginning of the Winter-run Chinook season, a total of 37 Winter-run sized non-coded wire tagged salmon and coded wire tagged salmon have been caught at the Skinner and Tracy fish salvage facilities. The estimated salvage and loss associated with these captures are 265 and 893 respectively. The loss level at which consultation with NMFS is reinitiated is 6762. To date none of the coded wire tagged salmon have been winter-run. The level for reinitiation of consultation for the coded wire tagged salmon is 1200. The winter-run season begins on October 1 and ends on May 31.

Table 1. Antelope Lake

Daily Operation
(in acre-feet except as noted)

Capacity: 22,566 ac-ft

February 1996

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in CFS							Computed Inflow 1/	
				Regulated Release				Spill	Estimated Evaporation And 1/	Total Outflow 1/		
				Stream-flow Maint.	Water Supply Contract	Water Right	Total Regulated Release					
Jan 31	4999.98	20,727										
1	4999.99	20,736	9	23	0	0	23	0				
2	4999.99	20,736	0	23	0	0	23	0				
3	5000.01	20,762	26	23	0	0	23	0				
4	5000.34	21,054	292	23	0	0	23	0				
5	5000.91	21,566	512	23	0	0	23	0				
6	5001.29	21,911	345	23	0	0	23	0				
7	5001.50	22,103	192	23	0	0	23	0				
8	5001.74	22,231	128	23	0	0	23	0				
9	5001.92	22,490	259	23	0	0	23	0				
10	5002.12	22,676	186	23	0	0	23	0				
11	5002.32	22,862	186	23	0	0	23	12				
12	5002.45	22,984	122	23	0	0	23	29				
13	5002.55	23,075	91	23	0	0	23	45				
14	5002.61	23,135	60	23	0	0	23	58				
15	5002.64	23,163	28	23	0	0	23	64				
16	5002.71	23,229	66	23	0	0	23	74				
17	5003.04	23,542	313	23	0	0	23	112				
18	5003.20	23,694	152	23	0	0	23	166				
19	5003.26	23,752	58	23	0	0	23	200				
20	5003.22	23,713	-39	23	0	0	23	204				
21	5003.15	23,647	-66	23	0	0	23	184				
22	5002.98	23,485	-162	23	0	0	23	154				
23	5002.91	23,418	-67	23	0	0	23	125				
24	5002.86	23,371	-47	23	0	0	23	112				
25	5002.78	23,295	-76	23	0	0	23	100				
26	5002.71	23,229	-66	23	0	0	23	85				
27	5002.67	23,191	-38	23	0	0	23	76				
28	5002.64	23,163	-28	23	0	0	23	71				
29	5002.60	23,125	-38	23	0	0	23	64				
TOTAL CFS-DAYS				667	0	0	667	1,935	56	2,659	3,868	
TOTAL AC-FT.				2,398	1,323	0	0	1,323	3,838	112	5,273	7,672

1/ Values not available on a daily basis.

Table 2. Frenchman Lake

Daily Operation

(in acre-feet except as noted)

Capacity: 55,477 ac-ft

February 1996

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in CFS							Computed Inflow 1/	
				Regulated Release				Spill	Estimated Evaporation And Seepage 1/	Total Outflow 1/		
				Stream-flow Maint.	Water Supply Contract	Water Right	Total Regulated Release					
Jan 31	5582.67	47,453										
1	5582.70	47,496	43	2	0	0	2	0				
2	5582.72	47,524	28	2	0	0	2	0				
3	5582.74	47,553	29	2	0	0	2	0				
4	5583.05	47,999	446	2	0	0	2	0				
5	5583.53	48,695	696	2	0	0	2	0				
6	5583.08	49,090	395	2	0	0	2	0				
7	5584.05	49,456	366	2	0	0	2	0				
8	5584.29	49,810	354	2	0	0	2	0				
9	5584.51	50,135	325	2	0	0	2	0				
10	5584.69	50,402	267	2	0	0	2	0				
11	5584.88	50,685	283	2	0	0	2	0				
12	5585.06	50,954	269	2	0	0	2	0				
13	5585.24	51,224	270	2	0	0	2	0				
14	5585.31	51,329	105	2	0	0	2	0				
15	5585.45	51,540	211	2	0	0	2	0				
16	5585.74	51,978	438	2	0	0	2	0				
17	5585.96	52,312	334	2	0	0	2	0				
18	5586.26	52,770	458	2	0	0	2	0				
19	5586.69	53,431	661	2	0	0	2	0				
20	5587.01	53,926	495	9	0	0	9	0				
21	5587.32	54,409	483	14	0	0	14	0				
22	5587.52	54,721	312	14	0	0	14	0				
23	5587.64	54,910	189	14	0	0	14	0				
24	5587.83	55,208	298	14	0	0	14	0				
25	5587.96	55,413	205	14	0	0	14	0				
26	5588.00	55,477	64	14	0	0	14	0				
27	5588.11	55,651	174	14	0	0	14	3				
28	5588.18	55,761	110	14	0	0	14	9				
29	5588.25	55,873	112	14	0	0	14	17				
TOTAL CFS-DAYS				---	173	0	0	173	28	91	292	4,537
TOTAL AC-FT.				8,420	342	0	0	342	56	181	579	8,999

1/ Values not available on a daily basis.

Table 3. Lake Davis

Daily Operation

(in acre-feet except as noted)

Capacity: 84,371 ac-ft

February 1996

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in CFS						Computed Inflow		
				Regulated Release				Spill	Estimated Evaporation And Seepage	Total Outflow		
				Stream-flow Maint.	Water Supply Contract	Water Right	Total Regulated Release					
					1/		1/		1/		1/	
Jan 31	5772.53	74,744										
1	5772.47	74,518	-226	20		0		0				
2	5772.44	74,405	-113	20		0		0				
3	5772.44	74,405	0	20		0		0				
4	5772.68	75,312	907	20		0		0				
5	5772.87	76,033	721	20		0		0				
6	5773.11	76,950	917	20		0		0				
7	5773.09	76,873	-77	20		0		0				
8	5773.14	77,065	192	67		0		0				
9	5773.15	77,103	38	100		0		0				
10	5773.18	77,219	116	100		0		0				
11	5773.19	77,257	38	100		0		0				
12	5773.19	77,257	0	100		0		0				
13	5773.21	77,334	77	100		0		0				
14	5773.21	77,334	0	100		0		0				
15	5773.20	77,295	-39	100		0		0				
16	5773.24	77,449	154	100		0		0				
17	5773.45	78,259	810	100		0		0				
18	5773.60	78,840	581	100		0		0				
19	5773.76	79,462	622	100		0		0				
20	5773.85	79,813	351	172		0		0				
21	5776.95	80,204	391	211		0		0				
22	5773.90	80,009	-195	211		0		0				
23	5773.89	79,970	-39	211		0		0				
24	5773.86	79,853	-117	211		0		0				
25	5773.78	79,540	-313	211		0		0				
26	5773.70	79,229	-311	211		0		0				
27	5773.64	78,995	-234	211		0		0				
28	5776.56	78,685	-310	211		0		0				
29	5773.49	78,414	-271	211		0		0				
TOTAL CFS-DAYS				---	3,378	1	0	3,379	0	233	3,611	5,462
TOTAL AC-FT.				3,670	6,700	1	0	6,701	0	462	7,163	10,833

1/ Values not available on a daily basis.

Table 4. Lake Oroville

Daily Operation

(in acre-feet except as noted)

Capacity: 3,537, 580 ac-ft

February 1996

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow						Inflow	
				Hyatt Generation 1/	Palermo Canal	Spillway Leakage 2/	Evaporation 3/	Spill	Total Outflow	Hyatt Pumpback	Computed Inflow 4/
Jan 31	845.62	2,750,028									
1	844.58	2,736,306	-13,722	28,290	0	40	0	0	28,330	0	14,608
2	843.85	2,726,703	-9,603	24,765	0	39	22	0	24,826	0	15,223
3	843.80	2,726,046	-657	13,916	0	39	30	0	13,985	0	13,328
4	848.23	2,784,677	58,631	14,716	0	46	60	0	14,822	0	73,453
5	853.08	2,849,874	65,197	25,929	0	0	8	11,488	37,425	0	102,622
6	853.84	2,860,187	10,313	29,331	0	0	8	20,702	50,041	0	60,354
7	853.39	2,854,077	-6,110	29,355	0	0	54	20,826	50,235	0	44,125
8	852.08	2,836,344	-17,733	29,234	0	0	54	20,992	50,280	0	32,547
9	851.02	2,822,052	-14,292	29,413	0	0	15	14,760	44,188	0	29,896
10	850.66	2,817,210	-4,842	28,742	0	46	31	0	28,819	0	23,977
11	850.31	2,812,508	-4,702	28,711	0	46	54	0	28,811	0	24,109
12	849.85	2,806,336	-6,172	29,247	7	46	91	0	29,391	0	23,219
13	849.18	2,797,364	-8,972	29,128	10	45	84	0	29,267	0	20,295
14	848.54	2,788,812	-8,552	28,495	10	44	45	0	28,594	0	20,042
15	847.79	2,778,814	-9,998	29,064	10	44	60	0	29,178	0	19,180
16	847.18	2,770,701	-8,113	29,289	8	44	38	0	29,379	0	21,266
17	847.28	2,772,030	1,329	29,490	6	0	15	4,959	34,470	0	35,799
18	847.82	2,779,214	7,184	29,728	6	0	30	15,289	45,053	0	52,237
19	849.69	2,804,192	24,978	29,768	6	0	30	20,826	50,630	0	75,608
20	852.09	2,836,479	32,287	29,626	2	0	46	23,967	53,641	0	85,928
21	854.67	2,871,479	35,000	29,477	0	0	69	43,554	73,100	0	108,100
22	853.14	2,850,687	-20,792	29,432	0	0	38	60,620	90,090	0	69,298
23	850.10	2,809,689	-40,998	29,650	0	0	53	60,496	90,199	0	49,201
24	848.08	2,782,677	-27,012	29,767	0	0	53	42,189	72,009	0	44,997
25	846.06	2,755,848	-26,829	29,839	0	0	60	31,296	61,195	0	34,366
26	844.76	2,738,678	-17,170	29,896	7	0	37	19,066	49,006	0	31,836
27	844.72	2,738,151	-527	28,909	10	40	52	0	29,011	0	28,484
28	844.61	2,736,701	-1,450	28,772	10	40	7	0	28,829	0	27,379
29	844.06	2,729,463	-7,238	29,227	10	40	0	0	29,277	0	22,039
TOTALS				-20,565	811,206	102	599	1,144	411,030	1,224,081	0
1/ Includes bypass flows											
2/ Only occurs when Lake water elevation is greater than or equal to 813.00 and there is no spill.											
3/ Evaporation will be zero for days when there is precipitation or heavy overcast.											
4/ Does not include pumpback.											

1/ Includes bypass flows

2/ Only occurs when Lake water elevation is greater than or equal to 813.00 and there is no spill.

3/ Evaporation will be zero for days when there is precipitation or heavy overcast.

4/ Does not include pumpback.

**Table 5. Thermalito Forebay
Including Diversion Pool and Power Canal**

Daily Operation

(in acre-feet except as noted)

Capacity: 25,120 ac-ft

February 1996

Date	Storage 1/	Storage Change 2/	Inflow			Outflow					Losses (-) And Gains (+)
			Lake Oroville Releases 2/	Kelly Ridge Generation	Thermalito Pumpback	Thermalito Generation 3/	Butte County	Thermalito Irrigation District	Releases To River 4/	Hyatt Pumpback	
Jan 31	23,325										
1	23,271	-54	28,330	581	0	27,869	1	3	1,231	0	139
2	23,295	24	24,804	421	0	24,399	1	3	1,239	0	442
3	23,952	657	13,955	510	0	12,746	1	3	1,239	0	182
4	22,719	-1,233	14,762	500	0	17,987	1	3	1,487	0	2,984
5	22,515	-204	37,417	502	0	24,913	1	3	7,969	0	-5,236
6	22,378	-137	50,033	512	0	28,921	1	3	19,950	0	-1,806
7	22,751	373	50,181	504	0	28,887	1	3	20,025	0	-1,395
8	22,863	112	50,226	504	0	28,931	1	3	20,008	0	-1,674
9	23,378	515	44,173	504	0	28,911	2	3	14,771	0	-474
10	22,827	-551	28,788	504	0	28,875	2	3	1,212	0	250
11	22,824	-3	28,757	607	0	28,482	2	3	1,217	0	337
12	23,158	334	29,293	405	0	28,513	2	3	1,214	0	369
13	23,265	107	29,173	504	0	28,834	2	3	1,212	0	482
14	22,892	-373	28,539	504	0	28,418	2	3	1,214	0	222
15	22,376	-516	29,108	536	0	29,253	2	3	1,212	0	311
16	22,877	501	29,333	470	0	28,485	2	3	1,212	0	400
17	22,785	-92	34,449	506	0	28,898	2	3	5,290	0	-853
18	22,646	-139	45,017	504	0	28,921	2	3	14,670	0	-2,063
19	22,751	105	50,594	508	0	28,938	2	3	19,946	0	-2,107
20	22,618	-133	53,593	514	0	28,907	2	3	23,201	0	-2,126
21	22,561	-57	73,031	504	0	29,195	2	3	42,639	0	-1,752
22	22,612	51	90,052	504	0	29,451	2	3	59,893	0	-1,156
23	22,582	-30	90,146	504	0	29,463	2	3	59,695	0	-1,517
24	22,675	93	71,956	585	0	29,470	2	4	40,852	0	-2,120
25	23,170	495	61,135	518	0	28,871	2	4	30,143	0	-2,138
26	23,164	-6	48,962	407	0	28,968	2	4	19,848	0	-553
27	22,911	-253	28,949	508	0	28,843	2	4	1,225	0	364
28	22,965	54	28,812	502	0	28,537	2	4	1,210	0	493
29	23,231	266	29,267	532	0	28,601	2	4	1,214	0	288
TOTALS	-94	1,222,835	14,660	0	801,487	50	93	416,250	0	0	-19,709

1/ Sum of Thermalito Forebay and Diversion Pool.

2/ Sum of releases from Lake Oroville through Hyatt plant, spill, and spillway leakage.

3/ Includes Bypass flows at Thermalito.

4/ The sum of the flows from fish barrier dam and the fish hatchery.

Table 6. Thermalito Afterbay

Daily Operation

(in acre-feet except as noted)

Capacity: 57,040 ac-ft

February 1996

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow	Outflow						Losses (-) And Gains (+)	Total Releases To River 2/	
				Thermalito Generation 1/	Sutter Butte Canal	Western Canal Lateral	Richvale Canal	Western Canal	River Outlet	Thermalito Pumpback			
Jan 31	129.49	30,478											
1	129.78	31,424	946	27,869	0	0	0	0	25,190	0	-1,733	26,421	
2	129.63	30,933	-491	24,399	0	0	0	0	23,210	0	-1,680	24,449	
3	126.42	21,305	-9,628	12,746	0	0	0	0	21,220	0	-1,154	22,459	
4	125.93	19,986	-1,319	17,987	0	0	0	0	19,740	0	434	21,227	
5	125.80	19,641	-345	24,913	0	0	0	0	24,200	0	-1,058	32,169	
6	125.55	18,986	-655	28,921	0	0	0	0	27,970	0	-1,606	47,920	
7	125.57	19,038	52	28,887	0	0	0	0	26,980	0	-1,855	47,005	
8	126.06	20,332	1,294	28,931	0	0	0	0	26,380	0	-1,257	46,388	
9	126.49	21,497	1,165	28,911	0	0	0	0	26,180	0	-1,566	40,951	
10	126.70	22,077	580	28,875	0	0	0	0	26,780	0	-1,515	27,992	
11	126.81	22,383	306	28,482	0	0	0	0	26,780	0	-1,396	27,997	
12	126.90	22,636	253	28,513	0	0	0	0	26,780	0	-1,480	27,994	
13	127.09	23,173	537	28,834	0	0	0	0	24,790	0	-3,507	26,002	
14	129.02	28,972	5,799	28,418	0	0	0	0	20,830	0	-1,789	22,044	
15	131.13	36,010	7,038	29,253	0	0	0	0	20,230	0	-1,985	21,442	
16	132.33	40,331	4,321	28,485	0	0	0	0	24,600	0	436	25,812	
17	132.46	40,812	481	28,898	0	0	0	0	27,170	0	-1,247	32,460	
18	132.44	40,738	-74	28,921	0	0	0	0	27,970	0	-1,025	42,640	
19	132.37	40,479	-259	28,938	0	0	0	0	27,970	0	-1,227	47,916	
20	132.38	40,516	37	28,907	0	0	0	0	27,970	0	-900	51,171	
21	132.35	40,405	-111	29,195	0	0	0	0	27,970	0	-1,336	70,609	
22	132.48	40,887	482	29,451	0	0	0	0	27,970	0	-999	87,863	
23	132.74	41,859	972	29,463	0	0	0	0	27,970	0	-521	87,665	
24	132.79	42,047	188	29,470	0	0	0	0	27,970	0	-1,312	68,822	
25	132.72	41,784	-263	28,871	0	0	0	0	27,970	0	-1,164	58,113	
26	132.78	42,010	226	28,968	0	0	0	0	27,770	0	-972	47,618	
27	133.00	42,842	832	28,843	0	0	0	0	26,780	0	-1,231	28,005	
28	132.21	39,888	-2,954	28,537	0	0	0	0	26,780	0	-4,711	27,990	
29	133.38	44,298	4,410	28,601	0	0	0	0	26,780	0	2,589	27,994	
TOTALS				13,820	801,487	0	0	0	0	750,900	0	-36,767	1,167,150

1/ Includes Bypass flows at Thermalito.

2/ The sum of the flows from the fish barrier dam, fish hatchery, and afterbay river outlet.

Table 7. Oroville-Thermalito Complex

Water Temperature Data

February 1996

Date	Mean Daily Temperature	
	Afterbay Outlet	Fish Hatchery
1	48	49
2	48	48
3	48	48
4	49	48
5	50	49
6	49	50
7	49	49
8	49	49
9	49	49
10	49	47
11	48	47
12	48	47
13	48	47
14	48	47
15	48	47
16	48	47
17	48	47
18	49	49
19	49	49
20	49	49
21	49	49
22	48	50
23	48	50
24	48	49
25	48	49
26	47	48
27	46	46
28	45	46
29	45	46

**Lake Oroville Temperature Profile
on February 29, 1996**

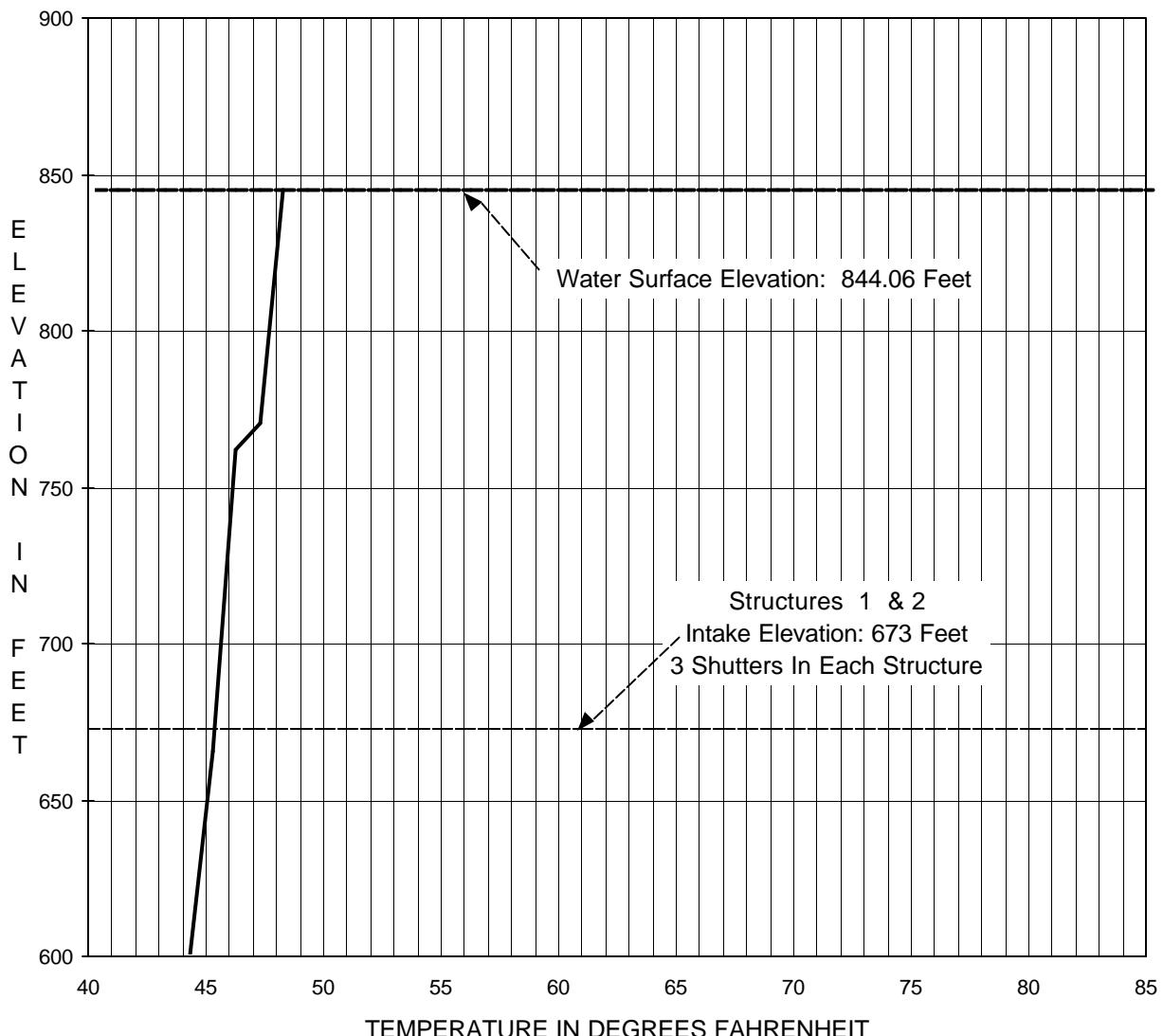


Table 8. Aqueduct Operation
Delta Field Division
(in acre-feet except as noted)

February 1996

NORTH BAY AQUEDUCT

Pumped at Barker Slough	541
Travis Turnout	68
Fairfield/Vacaville Turnout	0
Pumped at Cordelia	388
Cordelia Spillway	0
Computed Losses (-) or Gains (+)	-85
Benicia Turnout	73
Vallejo Turnout	216
American Canyon 1	99
American Canyon 2	0
Napa Treatment Plant	0
Total Deliveries (After Cordelia)	388
Change in Storage at Napa Terminal Tank	0

CALIFORNIA AQUEDUCT

Amount Pumped at Banks Pumping Plant	171,418
Amount Pumped at South Bay Pumping Plant	447
Deliveries From California Aqueduct (Oak Flat Water District, Tracy Golf, Veterans Cemetery, and Musco Olive)	22
Inflow into California Aqueduct	0
Change in Storage	-437
Flow Past Check 12	167,963
Computed Losses (-) or Gains (+)	-3,423

Note: Individual pool elevation and storage changes for pools 1-12 are available at Project Operations Center.

Table 9. Delta Field Division Plant Data

(in acre-feet)

February 1996

Date	North Bay Aqueduct		California Aqueduct		South Bay Aqueduct	
	Barker Slough	Cordelia	Banks		South Bay	Del Valle Into Lake
			Total	SWP		
1	8	8	4,356	4,356	24	0
2	21	11	0	0	14	0
3	37	27	1,839	1,839	19	0
4	32	18	13,796	13,796	15	0
5	11	11	4,775	4,775	21	0
6	12	11	1,094	1,094	18	0
7	24	24	2,811	2,811	21	0
8	11	9	3,133	3,133	23	0
9	16	11	6,066	6,066	22	0
10	9	5	8,821	8,821	18	0
11	3	3	11,364	11,364	10	0
12	11	6	6,609	6,609	18	0
13	25	16	4,813	4,813	27	0
14	6	5	8,169	8,169	18	0
15	30	18	8,509	8,509	0	0
16	23	18	8,886	8,886	11	0
17	41	32	3,568	3,568	10	0
18	23	16	6,718	6,718	6	0
19	28	19	7,817	7,817	13	0
20	20	16	7,970	7,970	0	0
21	6	0	6,078	6,078	12	0
22	0	0	5,403	5,403	36	0
23	9	2	6,084	6,084	0	0
24	10	5	5,215	5,215	15	0
25	9	0	6,852	6,852	22	0
26	9	5	5,002	5,002	14	0
27	32	25	5,634	5,634	10	0
28	33	29	6,436	6,436	2	0
29	42	34	3,593	3,593	28	0
TOTAL	541	384	171,411	171,411	447	0

Table 10. Clifton Court Forebay

Daily Operation of Gates

February 1996

Date	Time Opened	Time Closed	Daily Amount of inflow in Acre-Feet	Date	Time Opened	Time Closed	Daily Amount of inflow in Acre-Feet
1	03:57 13:09	07:50 17:26	5,569	16	01:20 12:10 17:23	08:00 13:45 20:45	8,972
2	17:22	18:00	260	17	02:05	07:30	
3	---	---	0		17:35	20:50	6,486
4	04:59 13:05 18:30	11:16 16:10 ---	11,353	18	04:40 14:39 18:15	08:21 15:33 21:30	5,636
5	---	00:31					
	03:45	10:45					
	16:00	17:00		19	03:45	10:02	
	19:36	20:48	7,499		19:07	22:00	8,683
6	07:30 20:10	09:30 21:10	1,354	20	05:00 20:05	11:11 23:05	8,078
7	09:03 20:28	10:47 21:55	2,075				
8	09:34 21:12	11:25 23:07	2,765	21	08:50 17:38	13:43 23:16	7,810
9	05:48 10:09 20:05	08:10 13:43 23:40		22	09:29 19:00	13:33 23:05	5,208
10	10:46 19:31	15:47 ---	7,653	23	10:10 19:47	14:30 23:45	5,542
11	---	00:10					
	06:07	08:12		24	10:52	15:40	
	11:31	17:03			21:03	23:55	4,934
	20:40	---	9,270				
12	---	03:26		25	11:40	15:40	
	12:40	17:00			21:35	---	5,489
	22:09	---	6,997				
13	---	04:45					
	07:46	09:20		26	---	03:00	
	09:50	10:20			12:36	16:16	4,483
	13:20	16:20	6,627				
14	01:30 08:24 14:27	05:52 11:39 17:08	7,629	27	01:10 13:36	06:50 16:55	5,353
15	01:25 11:00 17:33	06:55 12:40 20:00	7,386	28	00:45 14:33	12:10 16:50	7,993
				29	01:59 15:29	05:59 17:39	3,593

Total inflow for the month: 171,045 AF

Table 11. Governor Edmund G. Brown California Aqueduct

Delta Field Division, Monthly Deliveries

(In acre-feet)

February 1996

Reach No.	Operating Pool		Turnout	Total Diversions	Deliveries					
	Beginning and Ending				Entitlement	USBR	Misc.	Loan Water	1995 Carryover Ent.	
	No.	Structure	Mile							
1	Delta P.P. Outlet	3.32		171,418	21	21				
	1		South Bay Aqueduct	447						
	Check No. 1	5.95								
	Check No. 2	12.01								
	3	12.47	Musco Olive	21						
	Check No. 3	18.29								
	4	22.16	Tracy Golf & Country Club	0						
	Check No. 4	23.99								
	5	Check No. 5	29.73							
	6	Check No. 6	34.24							
	7	35.22	Turlock Fruit Company Inflow							
2A	Check No. 7	39.91								
	8	42.46	Oak Flat Water District-A	0						
		43.81	Oak Flat Water District-B	0						
		44.64	Oak Flat Water District-C	0						
	Check No. 8	45.97								
		46.18	Oak Flat Water District-D	0						
	9		Oak Flat Totals:	0	0	0	0	0	0	
	Check No. 9	51.30								
	10	Check No. 10	56.86							
	11	Check No. 11	61.40							
2B	12	66.14	Veteran's Cemetery	1	1	1				
	Check No. 12	66.71		167,963						

Table 12. South Bay Aqueduct

Delta Field Division, Monthly Deliveries

(In acre-feet)

February 1996

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries							
	Beginning and Ending					Entitlement	Carryover M&I Ent.	Local	Rec.	Drought Bank	Oper. Flood Loss		
	No.	Structure	Mile										
1	1		3.17	Granite - Vasco Rd. (Temp.)	0	1	585	1	1	29	3		
			3.18	Zone 7 Oakland Scavenger									
		Check No. 1	3.91										
	2	Check No. 2	7.21	Zone 7 Altamont	0								
		Check No. 3	9.49	Zone 7 Patterson	585								
	4	Check No. 4	10.68										
		Check No. 5	12.29										
		Check No. 6	13.55	Zone 7 Wente #1	0								
			14.16	Zone 7 Wente #2	0								
			14.65										
			14.78	Zone 7 Arroyo Mocho	0								
		Check No. 7	16.38										
5	8		16.57	Zone 7 Wente #3	1	1	402	1	3	1,284	109		
			16.69	Zone 7 Norman Nursery	0								
			16.70	Zone 7 Concannon	1								
		Del Valle Branch Pipeline Junction	18.63										
		Deliveries through Del Valle Branch Pipeline		Arroyo Valle #1 & #2 Project Water	0								
				Arroyo Valle #1 & #2 Inflow Released	29								
				Lake Del Valle Recreation	3								
				Zone 7 Wente #5	0								
6			19.20	Zone 7 South Livermore	402								
			19.21	Zone 7 Kalthrof Detjens	0								
7		La Costa Tunnel	22.50	ACWD Vallecitos - Flood Release	0								
			25.97	City of San Francisco San Antonio Sunol	0 0 0								
8		Mission Tunnel	28.97	ACWD - Bayside 1 & 2 Inflow Exchanged: Inflow Released:	0 0 1,284								
			35.86	S.C.V.W.D. Meter	288	179	109						

Table 13. Lake Del Valle

Daily Operation

(in acre-feet except as noted)

February 1996

Capacity: 77,106 ac-ft

Date	Water Surface Elevation (feet)	Storage	Storage Change	Inflow		Outflow					Precipitation (inches)
				Natural 1/	From South Bay Aqueduct	Arroyo Valle 3/	South Bay Aqueduct 3/	Recreation Deliveries 2/	Evaporation	Total Outflow 3/	
Jan 31	699.34	37,377									
1	700.84	38,405	1,028		0				0		0.04
2	701.47	38,841	436		0				2		0.00
3	701.84	39,099	258		0				2		0.23
4	703.56	40,312	1,213		0				2		0.65
5	704.32	40,855	543		0				2		0.10
6	702.46	39,533	-1,322		0				5		0.00
7	701.49	38,855	-678		0				2		0.00
8	701.83	39,092	237		0				0		0.00
9	702.08	39,267	175		0				1		0.00
10	702.25	39,386	119		0				2		0.00
11	702.37	39,470	84		0				2		0.00
12	702.44	39,519	49		0				4		0.00
13	702.42	39,505	-14		0				8		0.00
14	702.31	39,428	-77		0				4		0.00
15	702.22	39,365	-63		0				2		0.00
16	702.21	39,358	-7		0				0		0.64
17	702.15	39,316	-42		0				2		0.00
18	702.06	39,253	-63		0				5		0.00
19	705.67	41,831	2,578		0				1		0.32
20	710.09	45,133	3,302		0				0		1.10
21	714.13	48,296	3,163		0				2		0.83
22	713.46	47,761	-535		0				1		0.44
23	709.88	44,972	-2,789		0				2		Trace
24	705.89	41,992	-2,980		0				2		0.33
25	703.11	39,992	-2,000		0				2		0.07
26	701.66	38,973	-1,019		0				2		0.01
27	701.34	38,751	-222		0				3		0.02
28	701.73	39,022	271		0				3		0.03
29	702.10	39,281	259		0				4		0.02
Totals:				1,904	22,065	0	17,110	2,980	2	69	20,161
											4.83

1/ Total inflow from stream gaging station above Lang Canyon and accretions/depletions.

2/ To East Bay Regional Park District.

3/ Not available on a daily basis.

NR=No Records

Table 14. Consolidated State-Federal O'Neill Forebay

Daily Operations

February 1996

United States

Department of the Interior

Bureau of Reclamation Pump.

Central Valley Project

State of California

The Resources Agency

Department of Water Resources

State Water Project

Capacity: 56,430 Acre-feet

Date	Water Surface Elev. (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)				Outflow (cfs)				Computed Losses (-) Gains (+) (cfs)
				Pump In 1/	O'Neill Pump.	Gianelli Gen.	Calif. Aq.	O'Neill Gen.	Gianelli Pump.	D.A. Pump.	Del. 2/	
Jan 31	221.26	46,442										
1	222.82	50,566	4,124	0	3,697	2,716	2,223	0	1,241	5,188	19	-109
2	222.46	49,607	-959	0	3,665	2,806	9	0	2,105	4,664	17	-177
3	222.43	49,527	-80	0	3,562	0	743	0	8	4,084	17	-236
4	221.65	47,467	-2,060	0	3,600	0	6,983	0	7,254	4,322	17	-29
5	222.41	49,474	2,007	0	3,632	0	2,574	0	2,014	3,166	13	-1
6	222.11	48,677	-797	0	3,529	0	661	0	1,428	2,855	10	-299
7	220.80	45,237	-3,440	0	3,466	0	1,332	0	2,670	3,776	8	-78
8	218.73	39,901	-5,336	0	3,336	84	1,497	0	2,674	4,797	8	-128
9	217.98	38,022	-1,879	0	3,308	0	2,805	0	2,708	4,309	11	-32
10	219.45	41,733	3,711	0	3,237	0	4,311	0	1,723	3,976	14	36
11	220.64	44,818	3,085	0	2,986	0	5,538	0	2,763	4,229	14	37
12	219.86	42,790	-2,028	0	1,442	0	3,219	159	1,921	3,717	14	128
13	218.97	40,508	-2,282	0	1,331	0	2,500	0	263	4,675	14	-29
14	219.64	42,222	1,714	0	2,631	0	3,798	0	1,184	4,473	16	108
15	220.28	43,879	1,657	0	2,852	0	4,237	0	1,311	4,943	17	17
16	220.56	44,609	730	0	2,853	0	4,285	0	2,204	4,443	26	-97
17	220.13	43,489	-1,120	0	2,778	0	2,200	0	2,217	3,340	27	41
18	219.40	41,605	-1,884	0	2,799	0	3,102	0	3,197	3,614	27	-13
19	219.82	42,686	1,081	0	2,635	0	3,783	0	3,188	2,892	27	234
20	220.00	43,152	466	0	2,837	0	3,930	0	3,181	3,260	27	-64
21	220.93	45,577	2,425	0	2,889	0	3,306	0	2,186	2,716	25	-45
22	220.38	44,140	-1,437	0	1,589	0	2,599	0	1,851	3,012	25	-24
23	220.32	43,983	-157	0	249	0	3,040	0	0	3,392	21	45
24	219.70	42,376	-1,607	0	443	0	2,630	0	587	3,229	25	-42
25	219.66	42,273	-103	0	738	0	3,116	0	589	3,306	25	14
26	219.24	41,196	-1,077	0	794	0	2,398	0	586	3,104	25	-20
27	219.32	41,400	204	0	1,097	0	3,002	0	584	3,449	22	59
28	219.72	42,428	1,028	0	1,556	519	2,939	0	1,162	3,141	22	-171
29	219.94	42,997	569	0	1,737	1,035	1,920	0	1,160	3,138	25	-82
TOTAL			-3,445	0	71,268	7,160	84,680	159	53,959	109,210	558	-957
MEAN CFS			---	0	2,458	247	2,920	5	1,861	3,766	19	-33
ACRE-FEET			-3,445	0	141,360	14,199	167,963	316	107,028	216,617	1,107	-1,899

1/ Pump-in located at Mile 79.67R.

2/ Includes 6 AF delivered to DFG at O'Neill Forebay

Table 15. Consolidated State-Federal San Luis Reservoir

Daily Operations

February 1996

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

State of California

The Resources Agency

Department of Water Resources

State Water Project

Date	Water Surface Elev. (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Capacity: 2,027,835 ac-ft				Computed Losses (-) Gains (+) (cfs)	Evap. (in)	Prec. (in)
				Inflow (cfs) Gianelli Pump.	Outflow (cfs) Gianelli Gen. Pacheco Tunnel 1/ B.F. Sisk San Luis Dam Spill					
Jan 31	535.59	1,934,442								
1	535.34	1,931,318	-3,124	1,241	2,716	145	0	45	0.02	0.21
2	535.24	1,930,069	-1,249	2,105	2,806	140	0	211	0.11	0.00
3	535.24	1,930,069	0	8	0	138	0	130	0.00	0.15
4	536.46	1,945,328	15,259	7,254	0	142	0	581	0.00	0.25
5	536.82	1,949,838	4,510	2,014	0	144	0	404	0.10	0.80
6	537.06	1,952,847	3,009	1,428	0	169	0	258	0.06	0.03
7	537.41	1,957,239	4,392	2,670	0	142	0	-314	0.08	0.00
8	537.79	1,962,010	4,771	2,674	84	119	0	-66	0.04	0.00
9	538.19	1,967,037	5,027	2,708	0	131	0	-43	0.04	0.01
10	538.42	1,969,930	2,893	1,723	0	129	0	-135	0.00	0.00
11	538.83	1,975,089	5,159	2,763	0	126	0	-36	0.06	0.00
12	539.12	1,978,742	3,653	1,921	0	129	0	50	0.07	0.00
13	539.12	1,978,742	0	263	0	133	0	-130	0.09	0.00
14	539.28	1,980,758	2,016	1,184	0	135	0	-33	0.10	0.00
15	539.47	1,983,153	2,395	1,311	0	163	0	59	0.10	0.00
16	539.78	1,987,063	3,910	2,204	0	176	0	-57	0.01	0.46
17	540.07	1,990,724	3,661	2,217	0	169	0	-202	0.05	0.00
18	540.56	1,996,913	6,189	3,197	0	163	0	86	0.12	0.00
19	541.21	2,005,135	8,222	3,188	0	163	0	1,120	0.00	0.29
20	541.72	2,011,593	6,458	3,181	0	153	0	228	0.05	0.31
21	542.09	2,016,284	4,691	2,186	0	145	0	324	0.04	0.13
22	542.37	2,019,836	3,552	1,851	0	140	0	80	0.08	0.15
23	542.37	2,019,836	0	0	0	145	0	145	0.04	0.00
24	542.42	2,020,470	634	587	0	139	0	-128	0.07	0.22
25	542.48	2,021,232	762	589	0	134	0	-71	0.06	0.01
26	542.55	2,022,120	888	586	0	138	0	0	0.13	0.00
27	542.64	2,023,263	1,143	584	0	156	0	148	0.07	0.07
28	542.74	2,024,533	1,270	1,162	519	135	0	132	0.01	0.25
29	542.74	2,024,533	0	1,160	1,035	209	0	84	0.08	0.10
TOTAL			90,091	53,959	7,160	4,250	0	2,870	1.68	3.44
MEAN CFS			---	1,861	247	147	0	99	---	---
ACRE-FEET			90,091	107,028	14,199	8,429	0	5,691	---	---

1/ Pacheco Tunnel, San Felipe Split; Santa Clara: 7,400 AF, San Benito: 1,029 AF

Table 16. San Luis Field Division Plant Data

(in acre-feet)

February 1996

Date	Dos Amigos Pumping Plant		William R. Gianelli Pumping- Generating Plant				San Felipe Project
	Total Pumping	SWP Pumping 1/, 2/	Total Generation	SWP Generation 1/, 2/	Total Pumping	SWP Pumping 1/, 2/	
	Federal						
1	10,290	6,085	5,387	5,387	2,462	-16	287
2	9,251	4,436	5,565	5,565	4,176	-15	278
3	8,101	3,259	0	0	16	16	274
4	8,572	3,686	0	0	14,388	9,028	281
5	6,279	1,432	0	0	3,994	2,868	286
6	5,662	777	0	0	2,832	28	335
7	7,490	4,287	0	0	5,296	-49	282
8	9,514	8,519	166	166	5,303	-21	236
9	8,546	7,561	0	0	5,372	22	260
10	7,887	6,896	0	0	3,418	-39	255
11	8,388	7,382	0	0	5,481	-60	250
12	7,373	6,374	0	0	3,811	-61	255
13	9,273	8,284	0	0	521	-19	264
14	8,872	7,886	0	0	2,349	-31	268
15	9,805	8,808	0	0	2,600	-53	323
16	8,813	7,818	0	0	4,372	-91	349
17	6,624	5,629	0	0	4,397	-65	336
18	7,169	7,169	0	0	6,342	-132	324
19	5,737	5,737	0	0	6,323	45	324
20	6,466	6,466	0	0	6,309	44	303
21	5,388	5,388	0	0	4,335	87	288
22	5,974	5,974	0	0	3,672	64	277
23	6,728	6,728	0	0	0	0	288
24	6,405	6,405	0	0	1,164	17	276
25	6,557	6,557	0	0	1,168	27	265
26	6,157	6,157	0	0	1,163	29	273
27	6,841	6,841	0	0	1,158	27	310
28	6,230	6,230	1,029	1,029	2,305	17	268
29	6,225	6,225	2,052	2,052	2,301	10	414
TOTAL	216,617	174,996	14,199	14,199	107,028	11,677	8,429

1/ Negative values in SWP columns indicate a mismatch of scheduled CVP energy and actual pumping;
adjustments to SWP water shares are made to balance the mismatch.

2/ Provisional, subject to change.

TABLE 17: CONSOLIDATED STATE-FEDERAL LOS BANOS RESERVOIR
DAILY OPERATIONS
February 1996

United States		State of California							
Department of the Interior		The Resources Agency							
Bureau of Reclamation		Department of Water Resources							
Central Valley Project		State Water Project							
Capacity: 34,560 ac-ft									
DATE	WATER SURFACE ELEVATION (in feet)	STORAGE (ac-ft)	STORAGE CHANGE (ac-ft)	ESTIMATED INFLOW (cfs)	ESTIMATED OUTFLOW (cfs)		COMPUTED LOSSES (-) GAINS (+) (ac-ft)	EVAP. (in.)	PREC. (in.)
					SPILL	OUTLET			
Jan 31	331.42	22,313							
1	331.83	22,515	202	302	0	200	0	0.04	0.36
2	331.41	22,308	-207	96	0	200	-1	0.08	0.00
3	330.85	22,035	-273	62	0	200	1	0.00	0.08
4	331.20	22,205	170	286	0	200	-1	0.02	0.16
5	332.56	22,876	671	647	0	309	1	0.15	0.70
6	331.61	22,407	-469	164	0	400	-1	0.06	0.00
7	330.34	21,787	-620	87	0	400	1	0.10	0.00
8	328.83	21,062	-725	34	0	400	1	0.04	0.00
9	328.07	20,703	-359	52	0	233	0	0.04	0.01
10	328.24	20,783	80	40	0	0	1	0.02	0.00
11	328.39	20,854	71	36	0	0	0	0.07	0.00
12	328.50	20,906	52	26	0	0	0	0.07	0.00
13	328.59	20,948	42	21	0	0	0	0.10	0.00
14	328.68	20,991	43	22	0	0	-1	0.09	0.00
15	328.78	21,038	47	24	0	0	-1	0.09	0.00
16	328.66	20,982	-56	30	0	58	0	0.02	0.36
17	328.31	20,816	-166	16	0	100	1	0.06	0.00
18	327.96	20,651	-165	17	0	100	0	0.12	0.00
19	330.52	21,874	1,223	733	0	116	-1	0.09	0.37
20	331.71	22,456	582	493	0	200	1	0.08	0.18
21	332.56	22,876	420	462	0	250	-1	0.07	0.17
22	333.05	23,121	245	554	0	430	-1	0.11	0.12
23	332.23	22,712	-409	205	0	411	0	0.07	0.04
24	331.17	22,191	-521	137	0	400	1	0.00	0.11
25	330.22	21,729	-462	105	0	338	0	0.06	0.02
26	329.32	21,296	-433	82	0	300	-1	0.12	0.02
27	328.75	21,024	-272	104	0	241	0	0.11	0.22
28	328.41	20,863	-161	119	0	200	0	0.04	0.16
29	327.98	20,660	-203	98	0	200	-1	0.04	0.10
TOTAL			-1,653	5,054	0	5,886	-2	1.96	3.18
MEAN CFS			- - -	174	0	203	- - -	- - -	- - -
ACRE-FEET			-1,653	10,025	0	11,675	-2	- - -	- - -

Table 18. Consolidated State-Federal Little Panoche Reservoir

Daily Operations

February 1996

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

State of California

The Resources Agency

Department of Water Resources

State Water Project

Capacity = 5,580 ac-ft

Date	Water Surface Elev. (in feet)	Storage (ac-ft) 1/	Storage Change (ac-ft) 1/	Estimated Inflow (cfs)	Estimated Outflow (cfs)		Computed Losses (-) Gains (+) (ac-ft) 1/
					Spill	Outlet	
Jan 31	601.40	758					
1	603.15	859	101	71	0	20	
2	602.70	832	-27	1	0	15	
3	602.70	832	0	15	0	15	
4	Not Observed			0	0	15	
5	602.00	792	-40	0	0	4	
6	602.75	835	43	38	0	16	
7	602.45	818	-17	2	0	7	
8	Not Observed			1	0	7	
9	601.90	786	-32	4	0	4	
10	Not Observed			2	0	4	
11	Not Observed			2	0	4	
12	Not Observed			2	0	4	
13	Not Observed			2	0	4	
14	Not Observed			2	0	4	
15	Not Observed			2	0	4	
16	601.40	758	-28	2	0	2	
17	Not Observed			0	0	2	
18	Not Observed			0	0	2	
19	601.35	755	-3	0	0	2	
20	601.35	755	0	2	0	2	
21	Not Observed			2	0	2	
22	601.35	755	0	2	0	2	
23	601.40	758	3	4	0	2	
24	601.40	758	0	2	0	2	
25	Not Observed			2	0	2	
26	601.40	758	0	2	0	2	
27	601.40	758	0	2	0	2	
28	Not Observed			2	0	2	
29	601.39	757	-1	1	0	2	
TOTAL			-1	167	0	155	---
MEAN CFS			---	0	0	5	---
ACRE-FEET			-1	331	0	307	23

1/ Not available on a daily basis

Table 19a. Governor Edmund G. Brown California Aqueduct

San Luis Field Division, Monthly Deliveries

(In acre-feet)

February 1996

Reach No.	Operating Pool			Turnout	Total Diver- sions	Deliveries					
	Beginning and Ending					USBR	Transfer	DWR	USBR		
	No.	Structure	Mile					Recreation	Recreation		
3	13	O'Neill Forebay									
		Outlet Check No. 13	70.85	Department of Fish & Game	6			3	3		
			70.91			1,101	1,101				
			Thru	San Luis Water District	1,101						
			85.08								
				SLWD Reach 3 Subtotal:	1,101	1,101	0	0	0		
4	14	Dos Amigos PP	86.73		216,617						
			89.03			4,883	4,883				
			Thru	San Luis Water District	4,883						
			94.06								
			89.66			2,863	2,863				
			Thru	Pacheco Water District	2,863						
			89.67								
			89.68	Panoche Water District	3		3				
			89.70	City of Dos Palos	54		54				
		Check No. 14	95.06								
4	15		98.15			638	638				
			Thru	San Luis Water District	638						
			104.20								
			96.15			3,214	3,214				
			Thru	Panoche Water District	3,214						
			102.64								
			102.64	Broadview Water District	1		1				
			105.22			6,493	6,493				
			Thru	Westlands Water District	6,493						
			108.64								
		Check No.15	108.50								
				Pacheco Water District Total:	2,863	2,863					
				Broadview Water District Total:	1	1					
				City of Dos Palos Total:	54	54					
				SLWD Reach 4 Subtotal:	5,521	5,521	0	0	0		
				Panoche Water District Total:	3,217	3,217	0	0	0		
				SLWD Total:	6,622	6,622	0	0	0		
				Westlands WD Reach 4 Subtotal:	6,493	6,493	0	0	0		

Table 19b. Governor Edmund G. Brown California Aqueduct

San Luis Field Division, Monthly Deliveries (Continued)

(In acre-feet)

February 1996

Reach No.	Operating Pool			Turnout	Total Diver-sions	Deliveries					
	Beginning and Ending					USBR	Transfer	DWR	USBR		
	No.	Structure	Mile					Recreation	Recreation		
5	16		110.52			11,408	11,408				
			Thru 122.05	Westlands Water District	11,408						
		Check No. 16	122.07								
	17		124.18			13,673	13,673				
			Thru 132.74	Westlands Water District	13,673						
	18	Check No. 17	132.95			9,157	9,157				
			133.81								
			Thru 142.61	Westlands Water District	9,157						
		Pleasant Valley PP	143.16	Westlands Water District	10,382	10,382	10,382				
			143.16	City of Coalinga	179			179			
		Check No. 18	143.23								
				Westlands WD Reach 5 Subtotal:	44,620			44,620	0 0 0		
6	19		145.26			16,458	16,458				
			Thru 151.19	Westlands Water District	16,458						
		Check No. 19	155.64								
				Westlands WD Reach 6 Subtotal:	16,458	16,458	0 0 0	0	0		
7	20		156.34	City of Huron	44	44	44				
			156.40								
			Thru 163.69	Westlands Water District	7,951						
	21	Check No. 20	164.69			7,951	7,951				
			164.79	City of Avenal	126						
			167.04								
			Thru 171.67	Westlands Water District	3,322						
		Check No. 21	172.40								
				Westlands WD Reach 7 Subtotal:	127,449			127,449	0 0 0		
				Westlands WD Total:	78,844			78,844	0 0 0		
				City of Coalinga Total:	179	179	179	179	0 0 0		
				City of Huron Total:	44			44	0 0 0		
				City of Avenal Total:	126	126	126	126	0 0 0		
				Total Canal Diversions:	91,956			91,956	0 3 3		

Table 20. Consolidated State-Federal San Luis Canal 1/

Daily Operations
February 1996

United States
Department of the Interior
Bureau of Reclamation
Central Valley Project

State of California
The Resources Agency
Department of Water Resources
State Water Project

Date	Storage In Canal (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)		Outflow (cfs)				Computed Losses (-) Gains (+) (cfs)	Evap. (in)	Prec. (in)
			Non- Project 2/	Dos Amigos Pumping	SLWD 3/	PWD	WWD 4/	SJFD			
Jan 31	28,037										
1	28,865	828	2	5,188	103	82	1,603	2,970	-15	0.02	0.21
2	29,141	276	1	4,664	104	81	1,657	2,590	-93	0.11	0.00
3	29,069	-72	0	4,084	104	68	1,603	2,329	-17	0.00	0.15
4	29,406	337	0	4,322	70	85	1,515	2,486	4	0.00	0.25
5	29,500	94	13	3,166	102	93	1,603	1,660	327	0.10	0.80
6	28,810	-690	12	2,855	88	67	1,583	1,591	114	0.06	0.03
7	28,555	-255	2	3,776	89	68	1,672	2,403	326	0.08	0.00
8	28,921	366	0	4,797	125	60	1,292	3,013	-123	0.04	0.00
9	28,637	-284	0	4,309	148	60	1,369	2,810	-66	0.04	0.01
10	28,581	-56	0	3,976	134	61	1,429	2,275	-105	0.00	0.00
11	28,660	79	0	4,229	140	58	1,352	2,507	-132	0.06	Trace
12	28,694	34	0	3,717	141	58	1,292	2,024	-185	0.07	Trace
13	29,054	360	0	4,675	178	59	1,643	2,797	184	0.09	Trace
14	29,065	11	0	4,473	178	59	1,631	2,679	80	0.10	0.00
15	29,157	92	0	4,943	175	67	1,459	3,154	-42	0.10	0.00
16	29,058	-99	0	4,443	178	68	1,423	2,872	48	0.01	0.46
17	28,510	-548	0	3,340	172	65	1,363	1,976	-40	0.05	0.00
18	28,500	-10	0	3,614	183	61	1,345	1,962	-68	0.12	0.00
19	27,376	-1,124	0	2,892	184	62	1,359	1,980	126	0.00	0.29
20	27,232	-144	16	3,260	163	56	1,160	1,967	-2	0.05	0.31
21	27,415	183	25	2,716	180	50	1,054	1,316	-48	0.04	0.13
22	27,478	63	23	3,012	191	53	1,163	1,494	-102	0.08	0.15
23	27,417	-61	6	3,392	197	44	1,178	1,869	-141	0.04	Trace
24	27,584	167	0	3,229	168	29	1,200	1,689	-59	0.07	0.22
25	27,193	-391	0	3,306	167	29	1,148	2,111	-48	0.06	0.01
26	27,602	409	2	3,104	214	25	1,260	1,518	117	0.13	Trace
27	27,302	-300	1	3,449	131	11	1,135	2,338	14	0.07	0.07
28	27,643	341	1	3,141	132	21	1,108	1,829	120	0.01	0.25
29	27,943	300	2	3,138	115	22	1,327	2,045	521	0.08	0.10
Total		-94	106	109,210	4,254	1,622	39,926	64,255	693	1.68	3.44
Mean (cfs)		---	4	3,766	147	56	1,377	2,216	24	---	---
Acre-feet		-94	211	216,617	8,438	3,217	79,194	127,449	1,376	---	---

1/ San Luis Canal includes Pools 14 through 21 of the California Aqueduct.

2/ Pump In of Non-Project Water (0 AF)and Flood Water (211 AF).

3/ Includes 2,862 AF AG & 1 AF M&I to Pacheco W.D. and 54 AF to the City of Dos Palos.

4/ Includes 44 AF to the City of Huron, 126 AF to the City of Avenal, 179 AF to the City of Coalinga, 0 AF Phase I Water, and 1 AF to Broadview W.D.

Table 21. San Joaquin Field Division Plant Data

(in acre-feet)

February 1996

Date	Coastal Aqueduct		California Aqueduct			
	Las Perillas	Badger Hill	Buena Vista	John R Teerink	Ira J. Chrisman	A.D. Edmonston
1	73	90	1,417	894	941	897
2	45	43	1,213	795	751	818
3	46	51	737	477	541	442
4	78	85	1,948	1,606	1,588	1,609
5	62	67	915	590	630	622
6	58	62	1,364	1,096	1,135	1,175
7	22	28	1,639	1,210	1,208	1,200
8	120	130	1,945	1,742	1,716	1,715
9	173	189	1,940	1,731	1,644	1,663
10	132	153	1,443	1,236	1,166	1,088
11	103	114	2,204	1,696	1,611	1,527
12	121	124	1,077	1,010	1,006	913
13	125	136	2,105	1,856	1,753	1,775
14	126	133	2,399	2,091	2,085	2,020
15	114	128	3,153	3,004	2,831	2,750
16	96	103	2,924	2,450	2,384	2,333
17	114	122	1,556	1,305	1,298	1,237
18	130	134	2,109	1,982	1,890	1,924
19	117	130	2,103	1,731	1,676	1,675
20	76	85	2,450	2,123	2,095	2,035
21	54	59	1,630	1,470	1,411	1,425
22	54	55	1,822	1,702	1,636	1,650
23	78	85	2,443	2,214	2,236	2,153
24	67	71	2,344	2,007	1,932	1,920
25	81	85	2,409	2,014	1,865	1,964
26	152	151	2,104	1,942	1,892	1,890
27	110	124	2,577	2,252	2,038	2,076
28	52	57	2,415	2,199	2,136	2,127
29	38	39	2,495	2,195	2,179	2,168
TOTAL	2,617	2,833	56,880	48,620	47,274	46,791

Table 22a. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries

(In acre-feet)

February 1996

Reach No.	Operating Pool		Turnout	Total Diversions	Deliveries									
	Beginning and Ending				Entitle-ment	1995 Ent. CY - OV	Interup-table Ent.	MWD Storage 1/						
	No.	Structure												
		Mile												
8C	21	Check No. 21	172.40		127,449									
	8D	22	172.66	Empire West Side Irrig. Dist.										
				TL - A	164									
				Kings County										
				TL - A	0									
			180.65	Tulare Lake Basin WSD										
				TL - A	1,397									
			182.99	DRWD - 1	413									
				DRWD - 1A	211									
			184.78	Dudley Ridge Water Dist.										
				DRWD - 2	1,320									
				Tulare Lake Basin WSD										
				TL - B	10,275									
				Coastal Branch	2,617									
31A	8D	23	184.78	Dudley Ridge Water Dist.										
				DRWD - 3	345									
				Dudley Ridge Total:	2,289									
				Tulare Lake Basin WSD Total:	11,672									
						1,053	0	1,236						
			Check No. 22	184.82		0	4,493	7,179						
								0						
				Kern County Water Agency										
				Lost Hills Water Dist. - 1	324									
				Kern County Water Agency										
9	10A	24	191.18	Lost Hills Water Dist. - 2	1,023									
				Kern County Water Agency										
				Lost Hills Water Dist. - 3	272									
				Kern County Water Agency										
				Berrenda Mesa - 2	63									
			205.26	Kern County Water Agency										
				Lost Hills Water Dist. - 4	1,041									
				K.C.W.A. Reach 9 Subtotal:	2,723									
						1,818	905	0						
				Check No. 23	197.05			0						
10A	25	25	201.24	Kern County Water Agency										
				Lost Hills Water Dist. - 7	45									
				Kern County Water Agency										
				Lost Hills Water Dist. - 5	2,219									
				Kern County Water Agency										
			209.71	Lost Hills Water Dist. - 6	0									
				Kern County Water Agency										
				Lost Hills Water Dist. - 8	0									
				Kern County Water Agency										
				Belridge Water Storage Dist. - 1A	737									
			209.78	Kern National Wildlife Refuge										
				USBR BV-1B	0									
				Kern County Water Agency										
				Buena Vista WSD 1B	807									
				KCWA Semitropic WSD	3,651									
			209.80	KCWA Semitropic WSD Penstocks	13,791									
				USBR Total:	0									
			K.C.W.A. Reach 10A Subtotal:	21,250		0	1,595	0						
						2,213		17,442						

1/ Semitropic Water Storage District is Storing this water for MWD.

Table 22b. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries (Continued)

(In acre-feet)

February 1996

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries						
	Beginning and Ending					Entitlement	1995 Ent. CY - OV	Interup-table Ent.	MWD Storage 1/	To Kern Co. WA		
	No.	Structure	Mile									
11B	25		Kern County Water Agency									
			Belridge - 2	0								
			Kern County Water Agency									
			Belridge - 3	625								
			Kern County Water Agency									
			Belridge - 4	0								
			Kern County Water Agency									
			Belridge - 5	2,470								
	217.13		Kern County Water Agency									
			Belridge - 5D	106								
	K.C.W.A. Reach 11B Subtotal:			3,201								
	Check No. 25	217.79										
12D	26		Kern County Water Agency									
			Belridge - 6	0								
		Check No. 26	224.92									
12E	27		Kern County Water Agency									
			Buena Vista - 6	2,275								
	28	Check No. 27	231.73									
			Kern County Water Agency									
			Buena Vista - 2	5,086								
			D.R.W.D. C.V.C.	1,062								
			K.C.W.A. C.V.C.	16,937								
			Tulare Co.	0								
			Lower Tule River	0								
			Fresno Co.	0								
			Pixley ID	0								
	29		Hacienda									
			DWR Wells	0								
			Arvin Edison Subtotal:	0								
			Reach 12E Subtotal:	24,298								
		Check No. 28	238.11									
13B	30		Kern River Intertie									
			KCWA Buena Vista WSD - 7	0								
			KCWA Buena Vista WSD - 5	0								
			Kern County Water Agency									
			Buena Vista - 3	231								
	Check No. 29	244.54	Buena Vista WSD	0								
14A	31		Kern County Water Agency									
			Buena Vista - 4	0								
			K.C.W.A. Reach 13B Subtotal:	231								
		Buena Vista P.P.	250.99		56,880							
			Kern County Water Agency									
			West Kern - 2	0								
			Kern County Water Agency									
			Wheeler Ridge-Maricopa - 2	27								

1/ Semitropic Water Storage District is Storing this water for MWD.

Table 22c. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries (Continued)

(In acre-feet)

February 1996

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries					
	Beginning and Ending		Structure			Entitlement	1995 Ent. CY - OV	Interuptable Ent.	MWD Storage 1/	Pump-back	
	No.	Structure	Mile								
14A	31	Check No. 31	256.14								
	32		258.61	Kern County Water Agency Wheeler Ridge-Maricopa - 3	197						
			260.44	Kern County Water Agency Wheeler Ridge-Maricopa - 4	528						
				K.C.W.A. Reach 14A Subtotal:	752		502	250	0	0	
		Check No. 32	261.72								
14B	33		264.42	Kern County Water Agency Wheeler Ridge-Maricopa - 5	3,176						
			266.91	Kern County Water Agency Wheeler Ridge-Maricopa - 6	30						
		Check No. 33	267.36								
	34		270.24	Kern County Water Agency Wheeler Ridge-Maricopa - 7	3,449						
				Reach 14B Total:	6,655		4,013	2,642	0	0	
14C	35										
			272.39	Kern County Water Agency Wheeler Ridge-Maricopa - 8	1,610						
			276.09	Kern County Water Agency Wheeler Ridge-Maricopa - 9	211						
				Reach 14C Total:	1,821		930	891	0	0	
		John R. Teerink PP	278.13		48,620						
15A	36		279.02	Kern County Water Agency Wheeler Ridge-Maricopa - 9A	211						
			280.06	Kern County Water Agency Wheeler Ridge-Maricopa - 10	276						
				Reach 15-A Total:	487		382	105	0	0	
		Ira J. Chrisman PP	280.36		47,274						
16A	37		282.06	Kern County Water Agency Wheeler Ridge-Maricopa - 11	0						
		Check No. 37	283.95								
			285.01	Kern County Water Agency Wheeler Ridge-Maricopa - 12	0						
	38		286.39	Kern County Water Agency Wheeler Ridge-Maricopa - 13A	39						
			287.06	Kern County Water Agency Wheeler Ridge-Maricopa - 13	0						
			287.62	Kern County Water Agency Wheeler Ridge-Maricopa - 13B	0						
		Check No. 38	287.09								
	39	Check No. 39	290.21								
	40		291.26	Kern County Water Agency Wheeler Ridge-Maricopa - 14	260						
			293.07	Kern County Water Agency Wheeler Ridge-Maricopa - 15	146						
				Kern County Water Agency TC-15	264						
				K.C.W.A. Reach 16A Subtotal:	709		532	177	0	0	
		A.D. Edmonston Pumping Plant	293.45		46,791						

1/ Semitropic Water Storage District is Storing this water for MWD.

Table 23. Coastal Branch Aqueduct

San Joaquin Field Division, Monthly Deliveries

(In acre-feet)

February 1996

Reach No.	Operating Pool		Turnout	Total Diversions	Deliveries					
	Beginning and Ending				Entitlement	1995 CY - OV	Interuptable Ent.	MWD Storage 1/	Pump-back	
	No.	Structure	Mile							
31A	C-1	Coastal Branch Control	0.02			2,617				
		Las Perillas P.P.	1.16			2,617				
			3.79	Green Valley Water District		0				
		Badger Hill P.P.	4.27			0				
	C-3	Coastal Check No. 3	7.21							
			9.34	Castaic Lake W.A. (Devil's Den W.D. #1)		1,846				
	C-4	Coastal Check No. 4	9.34							
	C-5	Coastal Check No. 5	12.20							
			13.30	Kern County Water Agency Berrenda Mesa - 3						
			14.83	Kern County Water Agency Berrenda Mesa - DD		0				
				Kern County Water Agency Berrenda Mesa - PO		764				
				K.C.W.A. Reach 31A Subtotal:	764	352	412	0	0	
				K.C.W.A. Total:	62,891	17,426	11,453	16,022	17,990	

1/ Semitropic Water Storage District is Storing this water for MWD.

Table 24: Southern Field Division Plant Data

(in acre-feet)

February 1996

Date	West Branch						East Branch					
	Oso Pumping Plant	Warne Powerplant	Castaic Powerplant				Alamo Powerplant		Pearblossom Pumping Plant	Devil Canyon Generation		
			Generation		Pumpback	Bypass						
			Total	SWP		Generation						
1	759	888	5,197	612	4,510	0	146		2	227		
2	763	786	3,989	612	5,159	0	66		4	236		
3	425	0	3,545	613	4,316	0	0		23	229		
4	877	0	2,477	613	5,561	0	761		810	229		
5	57	851	1,105	612	4,546	0	546		417	604		
6	535	769	6,731	612	502	0	674		488	618		
7	602	872	1,768	612	4,408	0	590		510	623		
8	980	878	4,331	612	2,862	0	715		660	614		
9	1,040	1,084	767	612	3,983	0	659		654	638		
10	592	0	3,527	613	0	0	514		375	524		
11	437	0	1,585	613	2,429	0	1,036		926	223		
12	384	1,556	4,439	1,227	1,959	0	535		532	650		
13	1,301	1,518	3,344	1,227	1,623	0	478		301	668		
14	1,244	1,578	654	1,227	986	0	807		611	559		
15	2,164	1,672	4,165	1,227	0	26	623		581	530		
16	1,669	637	3,046	1,227	28	32	763		581	596		
17	771	749	1,503	1,227	1,209	0	477		347	882		
18	640	0	1,497	1,228	2,180	0	1,258		926	827		
19	842	1,865	3,055	1,474	1,555	0	819		949	810		
20	1,907	1,596	3,983	1,474	1,155	0	208		139	1,000		
21	1,412	2,006	3,611	1,474	2,410	0	47		208	748		
22	1,637	1,767	5,145	1,474	1,874	0	73		0	536		
23	1,776	2,005	3,734	1,477	2,026	0	464		278	209		
24	1,383	0	2,890	1,474	2,100	0	554		648	529		
25	666	446	5,044	1,474	4,085	0	1,312		1,111	720		
26	1,103	1,906	6,100	1,477	3,386	0	817		1,180	830		
27	1,732	1,845	5,805	1,474	4,940	0	412		278	278		
28	1,387	1,618	3,729	1,474	3,271	0	769		648	644		
29	1,673	1,617	2,788	1,474	2,115	0	509		324	268		
TOTAL	30,758	30,509	99,554	31,546	75,178	58	16,632		14,511	16,049		

1/ Scheduled amounts of water credited to SWP in Elderberry Forebay, subject to change.

Table 25. Pyramid Lake

Daily Operation

Capacity: 171,200 ac-ft

(in acre-feet except as noted)

February 1996

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow			Outflow			Computed Losses (-) Gains (+)	
				Project		Natural	Project		Natural		
				Castaic Powerplant Pumpback	William E. Warne Powerplant	Stream Flow	Castaic Powerplant Generation	Recreation Deliveries	To Piru Creek		
Jan 31	2569.32	158,936									
1	2569.27	158,874	-62	4,510	888	227	5,197	0	149	-341	
2	2570.84	160,822	1,948	5,159	786	99	3,989	0	149	42	
3	2571.37	161,483	661	4,316	0	81	3,545	0	149	-42	
4	2573.77	164,498	3,015	5,561	0	79	2,477	0	149	1	
5	2577.18	168,845	4,347	4,546	851	91	1,105	0	99	63	
6	2572.69	163,163	-5,682	502	769	92	6,731	0	99	-215	
7	2575.57	166,783	3,620	4,408	872	69	1,768	0	99	138	
8	2575.09	166,171	-612	2,862	878	60	4,331	0	99	18	
9	2578.43	170,457	4,286	3,983	1,084	58	767	0	69	-3	
10	2575.70	166,949	-3,508	0	0	56	3,527	0	69	32	
11	2576.40	167,844	895	2,429	0	54	1,585	0	69	66	
12	2575.73	166,987	-857	1,959	1,556	52	4,439	0	69	84	
13	2575.36	166,515	-472	1,623	1,518	51	3,344	0	69	-251	
14	2576.87	168,446	1,931	986	1,578	51	654	0	69	39	
15	2574.83	165,841	-2,605	0	1,672	51	4,165	0	69	-94	
16	2572.92	163,426	-2,415	28	637	52	3,046	0	50	-36	
17	2573.23	163,816	390	1,209	749	50	1,503	0	50	-65	
18	2573.83	164,573	757	2,180	0	51	1,497	0	50	73	
19	2574.23	165,080	507	1,555	1,865	86	3,055	0	50	106	
20	2574.35	165,232	152	1,155	1,596	1,578	3,983	0	50	-144	
21	2575.23	166,350	1,118	2,410	2,006	877	3,611	0	996	432	
22	2573.86	164,611	-1,739	1,874	1,767	374	5,145	0	571	-38	
23	2574.21	165,054	443	2,026	2,005	240	3,734	0	149	55	
24	2573.63	164,321	-733	2,100	0	180	2,890	0	149	26	
25	2573.08	163,627	-694	4,085	446	158	5,044	0	100	-239	
26	2572.03	162,308	-1,319	3,386	1,906	138	6,100	0	99	-550	
27	2572.52	162,923	615	4,940	1,845	128	5,805	0	99	-394	
28	2573.14	163,703	780	3,271	1,618	132	3,729	0	99	-413	
29	2573.86	164,611	908	2,115	1,617	110	2,788	0	99	-47	
TOTAL				5,675	75,178	30,509	5,325	99,554	0	4,086	-1,697

Table 26. Elderberry Forebay**Daily Operation**

(in acre-feet except as noted)

Capacity: 32,746 ac-ft

February 1996

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow		Outflow			Computed Losses (-) Gains (+)	
				Castaic Powerplant Generation	Natural	Pumpback To Pyramid Lake	To Castaic Lake			
					Natural		Natural	Project		
Jan 31	1522.52	24,326								
1	1524.68	25,274	948	5,197	65	4,510	65	0	261	
2	1521.69	23,966	-1,308	3,989	60	5,159	60	0	-138	
3	1520.14	23,300	-666	3,545	36	4,316	36	0	105	
4	1512.70	20,239	-3,061	2,477	25	5,561	25	0	23	
5	1503.46	16,752	-3,487	1,105	19	4,546	19	0	-46	
6	1519.53	23,041	6,289	6,731	20	502	20	0	60	
7	1511.01	19,576	-3,465	1,768	17	4,408	17	602	-223	
8	1511.52	19,774	198	4,331	14	2,862	14	1,269	-2	
9	1500.54	15,716	-4,058	767	13	3,983	13	832	-10	
10	1509.92	19,153	3,437	3,527	12	0	12	0	-90	
11	1507.50	18,235	-918	1,585	11	2,429	11	0	-74	
12	1513.75	20,656	2,421	4,439	10	1,959	10	0	-59	
13	1512.98	20,350	-306	3,344	8	1,623	8	2,019	-8	
14	1505.04	17,325	-3,025	654	8	986	8	2,695	2	
15	1504.55	17,146	-179	4,165	10	0	10	4,062	-282	
16	1512.45	20,139	2,993	3,046	14	28	14	0	-25	
17	1513.13	20,410	271	1,503	20	1,209	20	0	-23	
18	1511.20	19,650	-760	1,497	31	2,180	31	0	-77	
19	1514.88	21,112	1,462	3,055	219	1,555	219	0	-38	
20	1515.12	21,209	97	3,983	171	1,155	171	2,712	-19	
21	1511.25	19,669	-1,540	3,611	147	2,410	147	2,871	130	
22	1512.48	20,151	482	5,145	162	1,874	162	2,567	-222	
23	1516.28	21,682	1,531	3,734	64	2,026	64	0	-177	
24	1517.95	22,374	692	2,890	41	2,100	41	0	-98	
25	1520.67	23,528	1,154	5,044	35	4,085	35	0	195	
26	1516.50	21,774	-1,754	6,100	30	3,386	30	4,474	6	
27	1519.09	22,855	1,081	5,805	29	4,940	29	0	216	
28	1513.50	20,556	-2,299	3,729	30	3,271	30	2,768	11	
29	1511.50	19,766	-790	2,788	27	2,115	27	1,457	-6	
TOTAL				-4,560	99,554	1,348	75,178	1,348	28,328	-608

Table 27. Castaic Lake

Daily Operation

(in acre-feet except as noted)

Capacity: 323,699 ac-ft

February 1996

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow			Outflow		Computed Losses (-) Gains (+)	
				From Elderberry Forebay		Natural	Deliveries	Released To Castaic Lagoon		
				Natural	Project					
Jan 31	1482.41	255,576								
1	1482.30	255,361	-215	65	0	48	341	0	13	
2	1482.13	255,029	-332	60	0	29	347	0	-74	
3	1482.01	254,795	-234	36	0	24	347	0	53	
4	1481.88	254,542	-253	25	0	21	347	0	48	
5	1481.74	254,269	-273	19	0	21	359	0	46	
6	1481.54	253,880	-389	20	0	21	403	0	-27	
7	1481.78	254,347	467	17	602	19	359	0	188	
8	1482.21	255,185	838	14	1,269	18	429	0	-34	
9	1482.42	255,595	410	13	832	18	471	0	18	
10	1482.22	255,205	-390	12	0	18	378	0	-42	
11	1482.05	254,873	-332	11	0	17	367	0	7	
12	1481.91	254,600	-273	10	0	17	362	0	62	
13	1482.83	256,397	1,797	8	2,019	14	479	0	235	
14	1483.88	258,651	2,254	8	2,695	12	374	0	-87	
15	1485.80	262,242	3,591	10	4,062	10	638	0	147	
16	1485.53	261,708	-534	14	0	10	626	0	68	
17	1485.33	261,312	-396	20	0	9	432	0	7	
18	1485.16	260,976	-336	31	0	8	383	0	8	
19	1485.07	260,799	-177	219	0	10	532	0	126	
20	1486.69	264,008	3,209	171	2,712	328	345	0	343	
21	1488.13	266,878	2,870	147	2,871	446	336	0	-258	
22	1489.48	269,585	2,707	162	2,567	172	442	0	248	
23	1489.33	269,283	-302	64	0	88	360	0	-94	
24	1489.19	269,002	-281	41	0	58	331	0	-49	
25	1489.07	268,761	-241	35	0	51	350	0	23	
26	1491.35	273,353	4,592	30	4,474	46	337	0	379	
27	1491.22	273,090	-263	29	0	44	204	0	-132	
28	1492.58	275,848	2,758	30	2,768	45	338	0	253	
29	1493.17	277,050	1,202	27	1,457	45	326	0	-1	
TOTAL				21,474	1,348	28,328	1,667	11,343	0	1,474

Table 28. Governor Edmund G. Brown California Aqueduct

Southern Field Division, Monthly Deliveries (West Branch)

(In acre-feet)

February 1996

Reach No.	Operating Pool		Turnout	Total Diversions	Deliveries						
	Beginning and Ending				Entitlement	Rec.	CA - OV Ent.	CLWA 1T	14 B M & I		
	No.	Mile									
29A	42	Oso P. P.	1.49	30,758							
29F	W2	Quail Lake	5.02	Antelope Valley-East Kern Water Agency	Removed						
		Quail Lake Embankment	7.82	Antelope Valley-East Kern Water Agency	Stub						
		Warne P.P.	14.07		0						
29H	W3	Pyramid Lake		Calif. State Park Pyramid Recreation	0						
		Pyramid Dam	17.10	Piru Creek Fish Enhancement	0						
		Castaic P.&G.P.	25.82		0						
30 1/	W4	Elderberry Forebay									
		Forebay Dam	28.12								
		Castaic Lake		Calif. State Park Castaic Lake Recreation	3						
		Castaic Dam	31.47								
		Castaic Lake Outlet	31.55	MWD - 78"	10,570						
				CLWA - 1T	-745						
				Castaic Lake Water Agency	770						
				Ventura County Flood Control District	Stub						
				L. A. County Parks & Recreation	0						
				Recreation to Lagoon	44						
				1/ Reach 30 Subtotal:	10,642						
	W6	Castaic Lagoon									
		Castaic Lagoon Outlet	31.87		0						

1/ Reach 30 actually terminates at mile 31.50. It is shown here as including the outlet works at mile 31.55.

All deliveries from the outlet works and from the Lagoon are billed to Reach 30.

Table 29. Silverwood Lake

Daily Operation
(in acre-feet except as noted)

Capacity: 74,970 ac-ft

February 1996

Date	Water Surface Elev. (in feet)	Storage	Storage Change	Inflow		Outflow					Computed Losses (-) Gains (+)	Las Flores Ranch Exchange 1/	
						Project			Delivered to CLAWA	Rec.	San Bernardino Tunnel		
				Project	Natural Stream Inflow	Delivered to CLAWA	Rec.	San Bernardino Tunnel	Del. To Mojave W.A.	Natural To Mojave River	Del. To Mojave W.A.		
Jan 31	3311.74	39,032											
1	3311.59	38,929	-103	9	155	0	0	227	0	16	-24	36	
2	3311.27	38,709	-220	10	61	5	0	236	0	67	17	36	
3	3310.73	38,340	-369	10	33	1	0	229	0	68	-114	36	
4	3311.50	38,867	527	538	18	0	0	229	0	0	200	36	
5	3311.07	38,572	-295	268	15	0	0	604	0	0	26	36	
6	3311.07	38,572	0	617	13	5	0	618	0	1	-6	26	
7	3310.70	38,319	-253	357	12	5	0	623	0	0	6	14	
8	3310.84	38,415	96	645	11	3	1	614	0	0	58	14	
9	3310.80	38,387	-28	585	10	3	0	638	0	1	19	10	
10	3310.73	38,340	-47	440	9	1	0	524	0	0	29	7	
11	3311.77	39,052	712	869	8	0	0	223	0	0	58	7	
12	3311.08	38,579	-473	196	8	0	0	650	0	1	-26	6	
13	3310.98	38,510	-69	543	7	0	0	668	0	0	49	6	
14	3310.72	38,333	-177	323	7	3	0	559	0	0	55	6	
15	3310.65	38,285	-48	460	7	4	0	530	0	1	20	6	
16	3310.69	38,312	27	591	8	1	0	596	0	0	25	7	
17	3310.91	38,462	150	391	7	0	1	882	0	1	636	7	
18	3310.74	38,346	-116	688	6	0	0	827	0	0	17	7	
19	3311.44	38,825	479	1,083	25	0	0	810	0	1	182	7	
20	3311.50	38,867	42	46	2,443	0	0	1,000	0	1,447	0	26	
21	3310.96	38,497	-370	15	1,393	2	0	748	0	1,032	4	36	
22	3310.56	38,224	-273	17	385	1	0	536	0	268	130	36	
23	3310.81	38,394	170	413	150	3	0	209	0	299	118	36	
24	3310.65	38,285	-109	500	91	0	0	529	0	192	21	36	
25	3310.79	38,380	95	859	70	0	0	720	0	193	79	36	
26	3311.24	38,688	308	966	58	0	0	830	0	86	200	36	
27	3311.24	38,688	0	222	53	2	0	278	0	1	6	33	
28	3311.30	38,729	41	577	49	0	0	644	0	1	60	33	
29	3311.57	38,915	186	402	46	6	0	268	0	0	12	33	
TOTAL				-117	12,640	5,158	45	2	16,049	0	3,676	1,857	651

1/ Project water delivered from Mojave Siphon in exchange for like amount of Natural Streamflow.

Table 30. Lake Perris

Daily Operation

(in acre-feet except as noted)

Capacity: 131,452 ac-ft

February 1996

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow 1/	Outflow	Computed Losses (-) Gains (+) 1/
Jan 31	1580.91	110,988				
1	1580.92	111,010	22		9	
2	1580.96	111,097	87		11	
3	1580.96	111,097	0		10	
4	1580.99	111,162	65		10	
5	1581.17	111,555	393		10	
6	1581.41	112,080	525		10	
7	1581.57	112,430	350		10	
8	1581.76	112,847	417		10	
9	1581.94	113,242	395		11	
10	1582.05	113,484	242		10	
11	1582.07	113,528	44		10	
12	1582.25	113,924	396		11	
13	1582.42	114,320	396		9	
14	1582.61	114,717	397		10	
15	1582.76	115,048	331		11	
16	1582.95	115,468	420		9	
17	1582.90	115,357	-111		12	
18	1583.14	115,889	532		10	
19	1583.40	116,465	576		9	
20	1583.75	117,242	777		11	
21	1584.07	117,955	713		12	
22	1584.22	118,290	335		12	
23	1584.25	118,357	67		12	
24	1584.37	118,625	268		12	
25	1584.57	119,072	447		12	
26	1584.95	119,923	851		12	
27	1584.99	120,013	90		12	
28	1585.12	120,305	292		12	
29	1585.12	120,305	0		12	
TOTAL			9,317	10,518	311	-890

1/ Readings are not taken on a daily basis. End of month only.

Table 31a. Governor Edmund G. Brown California Aqueduct

Southern Field Division, Monthly Deliveries (East Branch)

(In acre-feet)

February 1996

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries					
	Beginning and Ending		Structure			Entitlement	CA - OV Ent.	Transfer 1/	Local In		
	No.	Structure	Mile								
17E		A.D. Edmonston P.P.	293.45		46,791						
			298.65	Kern County Water Agency Tej.-Cas							
17F	41	Check No. 41	303.41								
18A	42	Check No. 42	304.99								
19	43	Check No. 43	309.70			1	634	0	0		
	44		311.84	LADWP Connection	0						
			313.50	AVEK 245th Street West	0						
		Check No. 44	314.81								
	45		314.93	Antelope Valley-East Kern WA 235th Street West	1						
			319.74								
	46		323.19	Antelope Valley-East Kern WA Fairmont	634						
			323.84								
				Reach 19 Total:	635						
20A	47	Check No. 47	326.77			15	983	64	0		
	48		326.91	Antelope Valley-East Kern WA Willow Springs Siphon	15						
			329.65	Antelope Valley-East Kern WA 120th Street West	Removed						
		Check No. 48	330.82								
	49	Check No. 49	335.93								
	50		336.73	AVEK WA - Quartz hill (Wheeled for Palmdale WD)	1,047						
				Antelope Valley-East Kern WA	8						
					0						
20B		Check No. 50	341.51			498					
	51	Check No. 51	342.07								
	52		342.80	Antelope Valley-East Kern WA 30th Street West	Not in Use						
			343.74								
	53		346.98	PWD Palmdale	498						
			348.14	Antelope Valley-East Kern WA Acton Treatment Plant	0						
21		Check No. 53	348.17								
	54	Check No. 54	350.25								
	55	Check No. 55	352.70								
	56		354.76								
			354.97	Littlerock Creek I.D.	0						
22A	57	Check No. 57	356.93			159					
	58		357.72	Antelope Valley-East Kern WA 96th Street East	0						
			359.82	Antelope Valley-East Kern WA East Side Treatment Plant	159						

1/ Transferred from Mojave Water Agency to A.V.E.K.

Table 31b. Governor Edmund G. Brown California Aqueduct

Southern Field Division, Monthly Deliveries (East Branch, Continued)

(In acre-feet)

February 1996

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries							
	Beginning and Ending		Structure			Entitlement	CA - OV Ent.	Rec.	Local In	Local Out	14 B M & I		
	No.	Structure	Mile										
22B		Pearblossom P.P.	401.10		14,511	543	543	2	651	45			
	58	Check No. 59		360.61									
	59	Check No. 60		366.09									
	60	Check No. 61		373.94									
	61	Check No. 62		379.00									
	62	Check No. 63		384.26									
	63	Check No. 64		389.50									
	64	Check No. 65		395.10									
	65			400.32									
	66				Mojave Water Agency Morongo 24" and 42"	543							
23		Check No. 66		403.41	Mojave Water Agency Hesperia	0							
		Mojave Siphon		405.48	Las Flores Ranch	651							
24	67	Silverwood Lake	407.65		Crestline Lake Arrowhead Water Agency	45							
					Calif. State Park Silverwood Agency (Rec.)	2							
25		San Bernardino Tunnel	411.46			16,049							
					San Gorgonio Pass Water Agency	0							
26A		Devil Canyon P.P.		412.73		16,049							
68	Devil Canyon Afterbay Control Structures	412.88		MWD-SC Rialto	4,323								
				Desert Water Agency (MWD Wheeling Exchange)	0								
				San Gabriel Valley Water District	0								
				Coachella Valley W.D. (MWD Wheeling Exchange)	0								
				San Bernardino Valley Metropolitan Water Dist.	26								
				MWD (SBVMWD Exchange)	0								
28G	69	Santa Ana Valley Pipeline	425.46										
28H			433.06		MWD-SC Box Springs	1,942							
			440.05		MWD-SC Perris Bypass Pipeline	0							
28J		Lake Perris	442.00		MWD-SC 18"	302							
					MWD-SC 54"	0							
			443.44		MWD-SC 78"	0							
					Calif. State Park Lake Perris Recreation	9							
					MWD Total:	17,137	11,192	5,945	0	0	0		

Table 32. Water Quality At Selected SWP Locations

February 1996

Constituent	Units	Thermalito	North Bay	Harvey	Delta	Governor Edmund G. Brown				Devil Canyon Afterbay Near San Bernardino	
		Afterbay	Aqueduct	O. Banks	Mendota	California Aqueduct					
		At Outlet	Barker Slough	Delta P.P.	Canal At McCabe Rd.	O'Neill FB Outlet (Check 13)	Kettleman (Check 21)	Near Hwy 119 (Check 29)	Tehachpi Afterbay (Check 41)		
Alkalinity	mg/l	NR	65	55	57	56	65	70	75	50	
Arsenic	mg/l	NR	0.002	0.001	0.001	0.002	0.002	0.002	0.002	0.001	
Boron	mg/l	NR	0.2	0.2	0.4	0.3	0.3	0.3	0.3	0.1	
Bromide	mg/l	NR	0.02	0.11	0.15	0.11	0.12	NR	0.15	0.08	
Calcium	mg/l	NR	9	20	21	20	21	22	24	15	
Carbon - Total Organic	mg/l	NR	15	5	4	5	6	NR	6	6	
Chloride	mg/l	NR	8	43	53	43	44	45	52	26	
Chromium	mg/l	NR	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Copper	mg/l	NR	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Flouride	mg/l	NR	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
Hardness	mg/l	NR	56	95	102	95	102	105	114	64	
Iron	mg/l	NR	0.111	0.045	0.017	0.062	0.178	0.036	0.050	0.776	
Lead	mg/l	NR	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Magnesium	mg/l	NR	8	11	12	11	12	12	13	6	
Manganese	mg/l	NR	<0.005	0.033	0.009	0.024	0.010	0.006	<0.005	0.134	
Nitrate + Nitrite	mg/l	NR	1.30	1.20	NR	NR	NR	NR	1.58	0.90	
Phosphorus-Ortho	mg/l	NR	0.08	0.10	NR	NR	NR	NR	0.15	0.02	
Phosphorus-Total	mg/l	NR	0.32	0.14	NR	NR	NR	NR	0.19	0.27	
selenium	mg/l	NR	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Sodium	mg/l	NR	18	38	50	38	37	40	46	23	
Specific Conductance	µS/cm	NR	187	372	442	376	386	406	454	245	
Sulfate	mg/l	NR	8	52	66	51	46	49	56	23	
Total Dissolved Solids	mg/l	NR	126	229	264	225	233	251	258	137	
Trihalomethane Formation Potential	µg/l	NR	1752	NR	534	585	NR	NR	718	949	
Zinc	mg/l	NR	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0	

mg/l milligrams per liter

µg/l micrograms per liter

µS/cm microSiemens per centimeter

NR - Not Reported

Table 33. Water Quality At Selected Delta Stations

February 1996

Date	Tides		Flow In CFS			Electrical Conductivity in milliSiemens							Cl in mg/l			
	(Antioch) Daily Mean		Net Delta Outflow Index		Rio Vista	Antioch	Chippis Island		Emmaton		Jersey Point	Clifton Court	Cache Slough	Contra Costa Canal	Delta Mendota Canal	
	Hl	HALF	md	30dm	md	md	md	28dm	md	14dm	md	14dm	md	md	md	
1	3.58	1.71	84142c	32211	57963	0.2	0.2	0.00	0.18	0.18	0.19	0.23	0.42	10	35	76
2	3.48	N.R.	82913c	34056	58055	0.19	N.R.	0.00	0.17	0.18	0.19	0.22	0.45	48	36	79
3	3.35	1.48	82940c	36223	57450	0.19	N.R.	0.00	0.18	0.18	0.19	0.22	0.48	74	40	76
4	4.17	2.13	73407c	38144	56404	0.19	N.R.	0.00	0.19	0.18	0.21e	0.21	0.47	N.R.	41	70
5	3.43	1.84	88931c	40638	67565	0.21	N.R.	0.00	0.19	0.18	0.21	0.21	0.44	N.R.	43	67
6	3.11	1.58	113424c	44003	89028	0.21	0.2	0.00	0.16	0.18	0.21	0.21	0.45	N.R.	40	66
7	3.17	1.74	157839c	48913	78575	0.19	0.19	0.00	0.15	0.18	0.22	0.21	0.43	N.R.	47	64
8	3.18	1.85	171659c	54278	81920	0.19e	0.19	0.00	0.13e	0.17	0.22	0.21	0.42	N.R.	48	63
9	3.22	1.27	163028c	59334	83863	0.19	0.19	0.00	0.12	0.17	0.22	0.20	0.38	89	47	56
10	2.96	1.15	136824c	63557	79501	0.2	0.17	0.00	0.12	0.16	0.22	0.20	0.39	98	53	51
11	2.66	1.10	114879c	67097	76602	0.21	0.17	0.00	0.12	0.16	0.21	0.20	0.44	N.R.	61	N.R.
12	2.61	1.10	99508c	70044	72904	0.18	0.14	0.00	0.13e	0.16	0.20	0.20	0.36	111	60	N.R.
13	3.45	1.54	92548c	72827	66343	0.2	0.14	0.00	0.15	0.15	0.21	0.20	0.39	115	69	58
14	3.59	1.60	88386c	75501	65303	0.19	0.14	0.00	0.15	0.15	0.21	0.21	0.40	120	66	57
15	3.76	1.67	85656c	78097	65029	0.20	0.13	0.00	0.15	0.15	0.21	0.21	0.42	127	68	58
16	3.98	1.79	84320e	80361	64248	0.20	N.R.	0.00	0.16	0.15	0.20	0.21	0.44	106	N.R.	58
17	4.27	2.02	76646c	82232	63862	0.19	N.R.	0.00	0.17	0.15	0.20	0.21	0.43	88	65	55
18	4.10	1.97	88696c	84162	64948	0.2	N.R.	0.00	0.16	0.15	0.20	0.21	0.41	104	72	52
19	4.38	2.55	94592c	86016	78222	0.2	N.R.	0.00	0.15	0.14	0.20	0.21	0.40	10	71	51
20	4.34	2.82e	116486c	88437	94559	0.14	0.13	0.00	0.14	0.14	0.21	0.21	0.39	N.R.	68	53
21	4.46	2.74	149410c	92000	122135	0.18	0.13	0.00	0.15	0.14	0.20	0.21	0.33	N.R.	67	53
22	4.25	2.36	188573c	96782	155381	0.22	0.14	0.00	0.14	0.14	0.21	0.21	0.29	25	71	57
23	3.91	2.14	213547c	102246	175874	0.21	0.14	0.00	0.12	0.14	0.21	0.21	0.28	54	70	63
24	4.09	2.30	216623c	107704	179066	0.21	0.13	0.00	N.R.	0.15	0.21	0.21	0.26	74	73	67
25	3.86	2.17	204547c	112777	171417	0.20	0.12	0.00	N.R.	0.15	0.21	0.21	0.27	84	73	78
26	3.60	N.R.	192067c	117366	159816	0.2	0.11	0.00	N.R.	N.R.	0.21	0.21	0.26	101	78	70
27	3.40	1.87	174702c	121131	145786	0.21	0.12	0.00	N.R.	N.R.	0.21	0.21	0.27	95	80	61
28	3.38	1.91	159616c	124394	134614	0.21	0.12	0.00	0.12	N.R.	0.23	0.21	0.27	N.R.	85	60
29	3.35	1.99	145940c	127082	117942	0.23	0.13	0.00	0.13	N.R.	0.25	0.21	0.27	7	85	58

Clifton Court Cl(mg/l)=200X EC - 25

e = Estimated

N.R. = No Record.

c = Excess Delta conditions.

s = Balanced water conditions with storage withdrawals.

b = Balanced water conditions with no storage withdrawals.

f = Excess Delta conditions with fish concerns.

Table 34. Pesticides, Herbicides, and Other Organic Substances Detected In The SWP 1/

February 1996

Sampling Location	Sample Date	Chemical Detected	Concentration µg/l 2/
North Bay Aqueduct At Barker Slough Pumping Plant	September 20, 1995	None Detected	
California Aqueduct At Harvey O. Banks Delta Pumping Plant	September 20, 1995	2,4,-D	0.20
O'Neill Forebay At Discharge Of O'Neill Pumping-Generating Plant	September 20, 1995	Dacthal	0.03
California Aqueduct Near Kettleman City (Check 21)	September 19, 1995	2,4, -D Dacthal Chlorpyrifos	0.20 0.02 0.02
California Aqueduct At Tehachapi Afterbay (Check 41)	September 20, 1995	2,4, -D Dacthal Chlorpyrifos	0.10 0.02 0.19
Devil Canyon Power Plant At Entrance To Santa Ana Pipeline	September 20, 1995	Dacthal Chlorpyrifos	0.02 0.03

1/ These locations are normally sampled during March, June, and September. Monthly reports will include data for the month in which samples were most recently taken.

2/ Micrograms per liter.

Table 35. Oroville and Delta Field Divisions Energy Data

		February 1996							
(in kWh)		Oroville Thermalito Complex		Barker Slough Load	Cordelia Load	Banks Total Load	Banks SWP Load	South Bay Load	Del Valle Load
Date		Generation	Load						
1		17,736,480	0	1,680	4,144	1,258,560	1,258,560	35,824	222
2		15,486,912	0	3,703	2,219	18,720	18,720	20,792	260
3		8,585,280	288	6,209	6,909	559,872	559,872	27,496	252
4		9,527,616	0	5,271	3,255	3,953,088	3,953,088	21,048	246
5		16,260,480	0	2,233	3,717	1,351,584	1,351,584	30,184	220
6		18,497,952	0	2,345	2,100	321,408	321,408	25,712	194
7		18,492,768	0	4,095	4,942	795,456	795,456	29,296	210
8		18,450,720	0	2,149	3,052	892,512	892,512	33,008	196
9		18,540,576	0	2,646	3,283	1,724,544	1,724,544	31,256	250
10		18,089,568	0	1,834	2,387	2,482,848	2,482,848	26,152	305
11		18,098,208	0	959	1,820	3,204,864	3,204,864	14,856	312
12		18,313,920	0	2,177	3,045	1,875,168	1,875,168	26,304	306
13		18,357,120	0	4,403	3,633	1,365,408	1,365,408	38,664	326
14		17,859,456	0	1,225	2,485	2,329,632	2,329,632	26,112	308
15		18,154,944	0	5,089	2,877	2,438,784	2,438,784	448	294
16		18,184,896	0	3,829	5,061	2,543,328	2,543,328	15,656	293
17		18,290,304	0	6,734	6,230	1,005,984	1,005,984	14,336	281
18		18,414,432	0	3,934	4,536	1,873,152	1,873,152	8,976	279
19		18,460,224	0	4,823	3,360	2,209,824	2,209,824	18,856	301
20		18,447,840	0	3,514	5,215	2,274,336	2,274,336	408	297
21		18,434,880	0	1,330	427	1,727,424	1,727,424	17,616	262
22		18,397,440	0	2,156	4,823	1,522,368	1,522,368	5,440	266
23		18,442,080	0	1,694	1,414	1,720,800	1,720,800	408	259
24		18,451,296	0	1,967	2,534	1,459,872	1,459,872	21,200	277
25		18,421,920	0	1,806	413	1,929,024	1,929,024	32,056	274
26		18,419,904	0	1,799	2,443	1,416,672	1,416,672	19,400	253
27		17,930,016	0	5,173	9,877	1,609,632	1,609,632	17,432	250
28		17,839,008	0	5,425	10,164	1,837,440	1,837,440	2,880	248
29		18,020,160	0	6,958	10,759	1,008,288	1,008,288	38,608	254
Total		506,606,400	288	97,160	117,124	48,710,592	48,710,592	600,424	7,695

Table 36. San Luis Field Division Energy Data

(in kWh)

February 1996

Date	Dos Amigos Pumping Plant		William R. Gianelli Pumping-Generating Plant			
	Total Load	SWP Load 1/	Total Generation	SWP Generation 1/	Total Load	SWP Load 1/
1	1,358,064	803,064	1,505,664	1,505,664	940,608	4,608
2	1,250,640	599,640	1,511,424	1,511,424	1,953,216	216
3	1,089,072	438,072	0	0	27,648	27,648
4	1,142,208	491,208	0	0	6,700,608	4,204,608
5	843,264	192,264	0	0	1,860,480	1,340,480
6	754,560	103,560	0	0	1,249,344	31,344
7	1,017,072	582,072	0	0	2,504,448	-6,552
8	1,290,240	1,155,240	45,216	45,216	2,516,544	5,544
9	1,171,728	1,036,728	0	0	2,536,416	25,416
10	1,074,240	939,240	0	0	1,589,184	1,184
11	1,125,936	990,936	0	0	2,109,024	-22,976
12	996,336	861,336	0	0	1,764,288	-13,712
13	1,265,904	1,130,904	0	0	219,456	11,456
14	1,215,072	1,080,072	0	0	1,046,592	2,592
15	1,327,392	1,192,392	0	0	1,211,328	-8,672
16	1,195,632	1,060,632	0	0	1,681,056	-34,944
17	898,992	763,992	0	0	1,691,136	-24,864
18	959,040	959,040	0	0	2,445,120	-50,880
19	785,952	785,952	0	0	2,441,376	17,376
20	875,232	875,232	0	0	2,441,088	17,088
21	735,840	735,840	0	0	1,683,936	33,936
22	792,864	792,864	0	0	1,438,560	38,560
23	891,072	891,072	0	0	25,920	25,920
24	869,904	869,904	0	0	468,576	18,576
25	879,840	879,840	0	0	478,080	28,080
26	839,664	839,664	0	0	480,960	30,960
27	931,104	931,104	0	0	482,400	32,400
28	857,808	857,808	285,696	285,696	925,344	25,344
29	852,336	852,336	573,120	573,120	918,720	18,720
Total	29,287,008	23,692,008	3,921,120	3,921,120	45,831,456	5,779,456

1/ Negative values may appear in SWP columns and indicate a mismatch of scheduled CVP energy and actual pumping; adjustments to SWP water shares are made to balance the mismatch.

Table 37. San Joaquin Field Division Energy Data

(in kWh)

February 1996

Date	Las Perillas Load	Badger Hill Load	Buena Vista Load	John R. Teerink Load	Ira J. Chrisman Load	A.D. Edmonston Load
1	5,440	15,632	351,144	263,808	606,816	2,055,600
2	3,922	7,592	298,296	235,512	491,904	1,872,720
3	3,950	9,336	185,400	145,872	345,600	1,039,680
4	6,040	14,736	472,392	471,816	997,632	3,638,880
5	4,996	11,832	227,664	179,424	401,472	1,432,080
6	4,288	11,112	339,192	305,424	703,872	2,649,600
7	2,528	5,048	399,456	341,784	749,376	2,707,200
8	9,212	20,248	475,704	474,840	1,068,768	3,862,800
9	12,602	31,760	479,520	458,856	1,019,808	3,759,840
10	10,444	25,712	355,608	332,496	725,760	2,465,280
11	7,542	19,424	543,384	449,136	1,016,928	3,430,800
12	8,722	21,072	268,128	270,216	628,416	2,108,880
13	9,064	22,896	516,744	493,560	1,105,632	4,006,080
14	9,102	22,624	576,648	557,856	1,297,152	4,520,160
15	8,290	21,656	763,128	786,528	1,751,040	6,173,280
16	7,104	17,616	704,880	649,800	1,483,488	5,271,840
17	8,306	20,776	378,576	349,488	802,944	2,835,360
18	9,304	22,728	515,016	526,392	1,181,088	4,309,200
19	8,452	22,040	513,864	456,912	1,026,144	3,754,800
20	5,904	14,552	604,440	566,496	1,299,168	4,552,560
21	4,682	10,272	401,760	395,064	908,640	3,209,040
22	4,764	9,736	445,824	457,488	1,035,360	3,683,520
23	6,274	14,680	603,864	590,760	1,361,088	4,827,600
24	5,548	12,360	572,256	535,536	1,218,528	4,315,680
25	6,278	14,680	588,960	535,824	1,178,784	4,434,480
26	11,368	28,464	514,440	518,400	1,185,696	4,266,000
27	8,652	22,352	634,320	603,792	1,302,048	4,664,160
28	4,270	10,016	598,752	585,720	1,325,952	4,765,680
29	3,210	6,952	617,688	581,400	1,354,752	4,865,040
TOTAL	200,258	487,904	13,947,048	13,120,200	29,573,856	105,477,840

Table 38. Southern Field Division Energy Data

(in kWh)

February 1996

Date	West Branch			East Branch		
	Oso Load	William E. Warne Generation	Castaic SWP Generation	Alamo Generation	Pearblossom Load	Devil Canyon Generation
1	210,280	531,864	600,000	12,768	16,680	254,208
2	211,232	466,128	600,000	4,452	17,100	264,480
3	125,440	0	600,000	0	30,960	260,544
4	259,560	0	600,000	73,808	560,196	255,648
5	22,848	511,200	600,000	61,460	297,612	719,520
6	147,784	465,120	600,000	76,300	347,520	737,376
7	165,928	530,208	600,000	66,668	361,848	741,792
8	267,288	533,016	600,000	82,964	445,200	728,448
9	282,296	662,184	600,000	75,236	467,976	777,984
10	165,312	0	600,000	56,560	266,364	640,128
11	123,144	0	600,000	122,920	636,912	258,816
12	108,584	912,456	1,200,000	60,340	371,940	792,000
13	347,984	915,768	1,200,000	52,276	217,920	819,072
14	332,528	928,872	1,200,000	94,780	426,012	682,656
15	570,136	978,912	1,200,000	73,248	402,156	628,416
16	444,304	374,472	1,200,000	88,088	404,268	710,400
17	208,656	469,296	1,200,000	51,884	243,240	333,600
18	175,280	0	1,200,000	149,240	624,888	981,504
19	227,248	1,094,184	1,440,000	90,580	642,156	963,648
20	508,368	964,368	1,440,000	20,328	106,836	1,206,144
21	377,496	1,203,840	1,440,000	4,032	157,056	890,208
22	436,184	1,071,864	1,440,000	2,996	17,352	625,536
23	461,944	1,203,120	1,440,000	48,720	204,144	231,648
24	368,928	0	1,440,000	60,928	452,136	628,224
25	182,392	281,448	1,440,000	155,652	758,292	865,728
26	294,840	1,138,896	1,440,000	92,148	808,824	985,632
27	462,112	1,077,912	1,440,000	43,960	203,184	311,520
28	370,384	971,208	1,440,000	83,244	449,520	769,344
29	445,424	955,512	1,440,000	54,600	235,572	305,856
Total	8,303,904	18,241,848	30,840,000	1,860,180	10,173,864	18,370,080